

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.
UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

UNIT #891008900A

8. Lease Name and Well No.

NBU 1022-9A-4

9. API Well No.

43047-38922

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Blk, and Survey or Area

SEC. 9, T10S, R22E

12. County or Parish

UINTAH

13. State

UTAH

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

KERR McGEE OIL & GAS ONSHORE LP

3A. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface

NENE 1253'FNL, 140'FEL 633640X

At proposed prod. Zone

4425082Y

**39.967221
-109.435219**

14. Distance in miles and direction from nearest town or post office*

37 MILES SOUTH OF OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

140'

16. No. of Acres in lease

320.00

17. Spacing Unit dedicated to this well

40.00

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

**REFER TO
TOPO C**

19. Proposed Depth

8930'

20. BLM/BIA Bond No. on file

BOND NO: WY-2357

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5219'UNGRADED GL

22. Approximate date work will start*

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized office.

25. Signature

Name (Printed/Typed)

SHEILA UPCHEGO

Date

12/4/2006

Title

REGULATORY ANALYST

Approved by (Signature)

Name (Printed/Typed)

BRADLEY G. HILL

Date

12-14-06

Title

Office **ENVIRONMENTAL MANAGER**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

DEC 11 2006

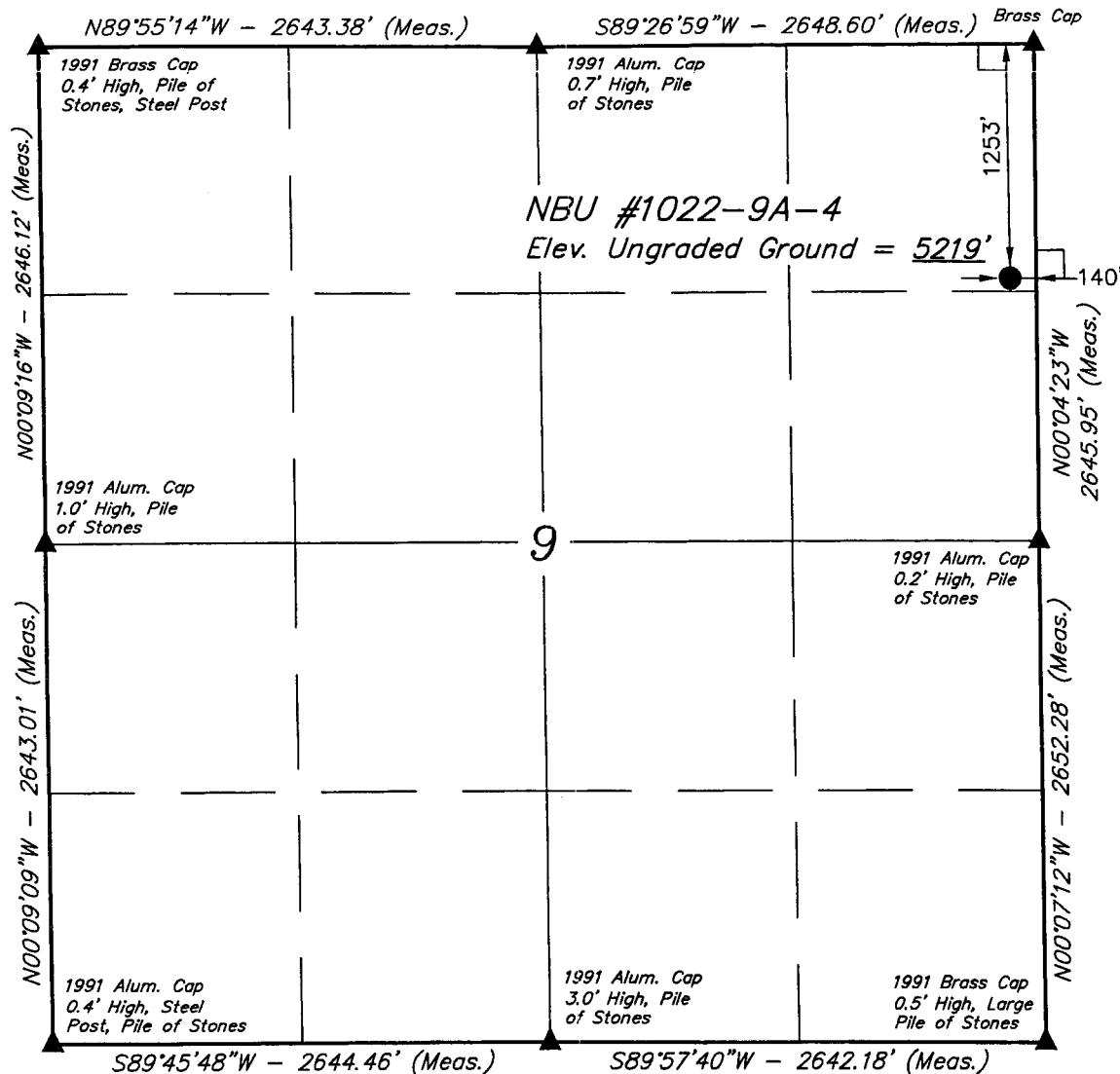
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

T10S, R22E, S.L.B.&M.

Kerr McGee Oil & Gas Onshore LP

Well location, NBU #1022-9A-4, located as shown in the NE 1/4 NE 1/4 of Section 9, T10S, R22E, S.L.B.&M. Uintah County, Utah.

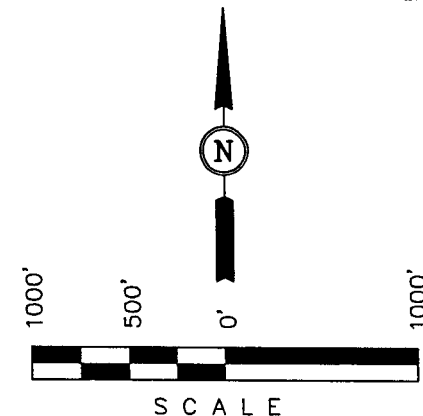


BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

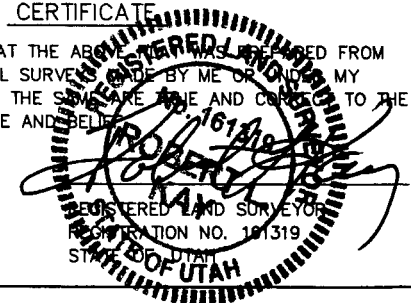
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°58'02.48" (39.967356)
LONGITUDE = 109°26'09.13" (109.435869)

(NAD 27)
LATITUDE = 39°58'02.60" (39.967389)
LONGITUDE = 109°26'06.67" (109.435186)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-16-06	DATE DRAWN: 05-19-06
PARTY J.R. A.A. S.L.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE Kerr McGee Oil & Gas Onshore LP	

**NBU #1022-9A-4
NENE SEC 9, T10S, R22E
UINTAH COUNTY, UTAH
UTU-01196-D**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1188'
Top of Birds Nest Water	1536'
Mahogany	2154'
Wasatch	4343'
Mesaverde	6833'
MVU2	7811'
MVL1	8367'
TD	8930'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1188'
	Top of Birds Nest Water	1536'
	Mahogany	2154'
Gas	Wasatch	4343'
Gas	Mesaverde	6833'
Gas	MVU2	7811'
Gas	MVL1	8367'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8930' TD, approximately equals 5537 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3572 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE December 4, 2006
WELL NAME NBU 1022-9A-4 TD 8,930' MD/TV D
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,214' GL KB 5,229'
SURFACE LOCATION SE/NE/NE SEC. 9, T10S, R22E 1253'FNL, 140'FWL BHL Straight Hole
Latitude: 39.967356 Longitude: 109.435869
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
Catch water sample, if possible, from 0 to 4,343'					
	Green River @	1,188'			
	Top of Birds Nest Water @	1536'			
	Preset f/ GL @				
	2,090' MD				
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
	Mahogany @	2,154'			
Mud logging program TBD					
Open hole logging program f/ TD - surf csg					
	Wasatch @	4,343'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.7 ppg
	Mverde @	6,833'			
	MVU2 @	7,811'			
	MVL1 @	8,367'			
	TD @	8,930'			Max anticipated Mud required 11.7 ppg



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2090	32.30	H-40	STC	0.65*****	1.40	4.30
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8930	11.60	I-80	LTC	2.24	1.17	2.22

1. Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2. MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.7 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3468 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft.

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2			NOTE: If well will circulate water to surface, option 2 will be utilized				
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,840'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	420	60%	11.00	3.38
	TAIL	5,090'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1420	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
 *Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
 BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &
 four sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
 & lower kelly valves.
 Drop Tolco surveys every 2000'. Maximum allowable hole angle is 5 degrees.
 Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

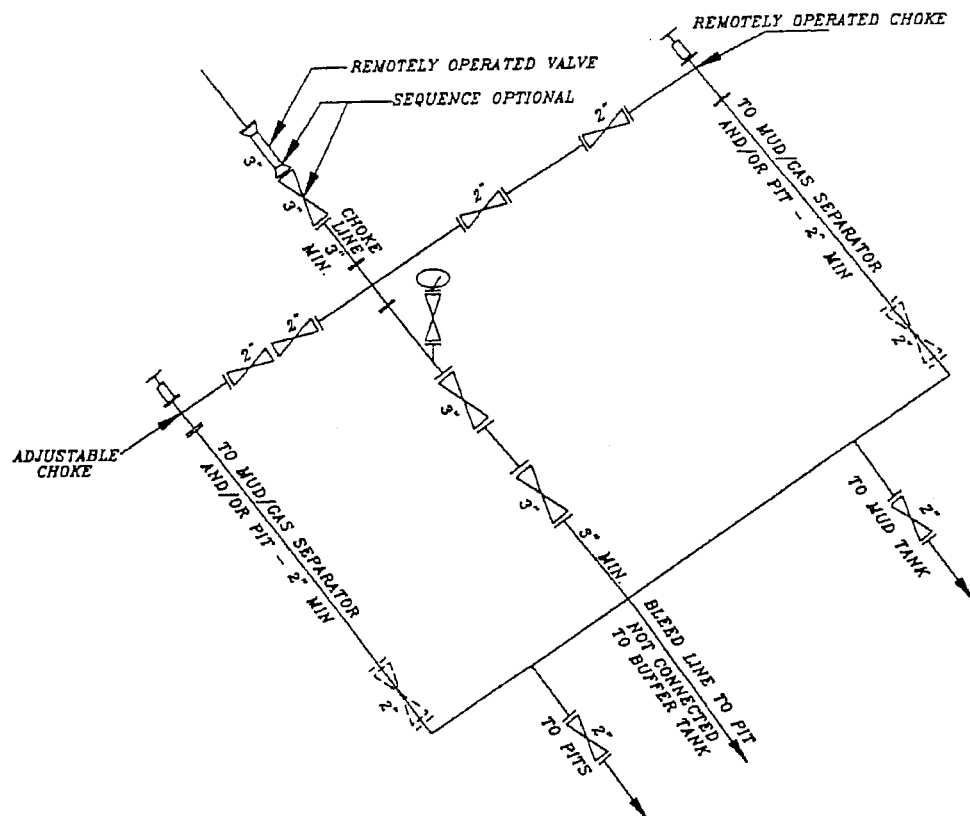
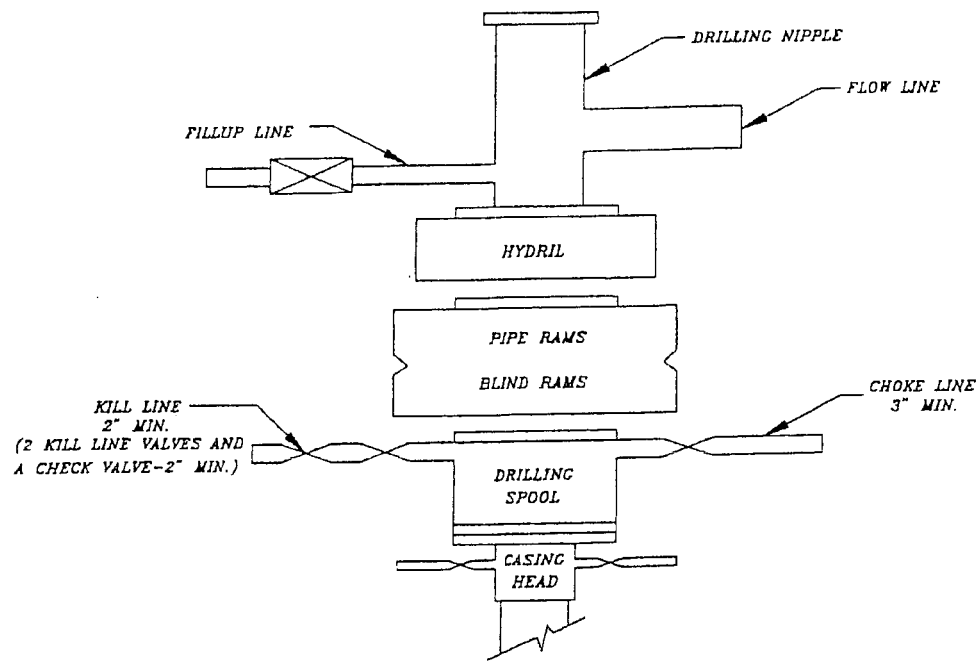
DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

NBU1022-9A-4 APD.xls

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU #1022-9A-4
NENE SEC 9, T10S, R22E
UINTAH COUNTY, UTAH
UTU-01196-D

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.1 +/- miles of access road is proposed. Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 420' +/- of 4" pipeline is proposed. The pipeline shall be butt-welded. Refer to Topo Map D.

Variances to Best Management Practices (BMPs) Requested:

The pipeline shall be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A 20 mil reserve pit liner with felt will be used. As discussed at the on-site inspection.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Galleta Grass	20 lbs.
---------------	---------

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. Other Information:

A Class III archaeological survey has been performed and completed on June 1, 2006; The archaeological report No. 06-227 is attached. The paleontological survey have been performed and completed on July 28, 2006 the paleontological survey report No. 06-193; these reports are being submitted along with the Application for Permit to Drill.

13. Lessee's or Operator's Representative & Certification:

Sheila Ucphego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

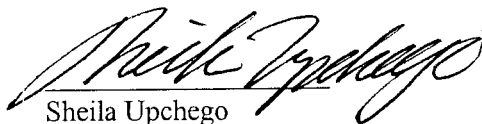
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bond #WY-2357.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego12/4/2006

Date

Kerr-McGee Oil & Gas Onshore LP
NBU #1022-9A-4
SECTION 9, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.2 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-9A-4

LOCATED IN UINTAH COUNTY, UTAH
SECTION 9, T10S, R22E, S.L.B.&M.

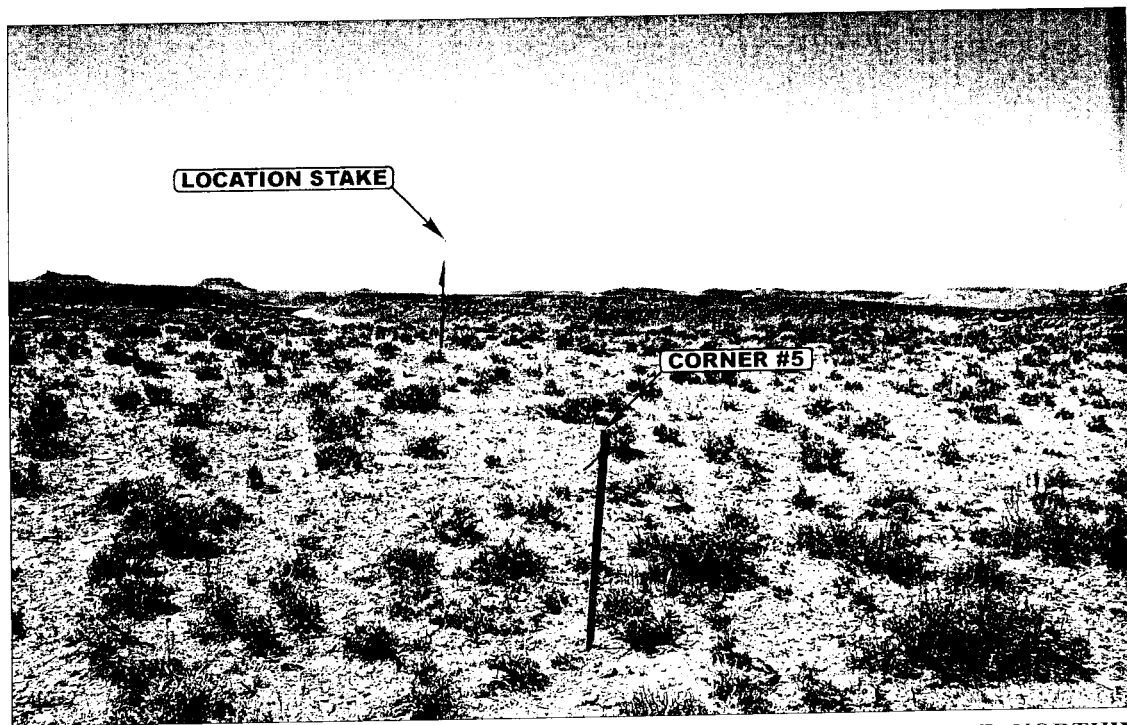


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

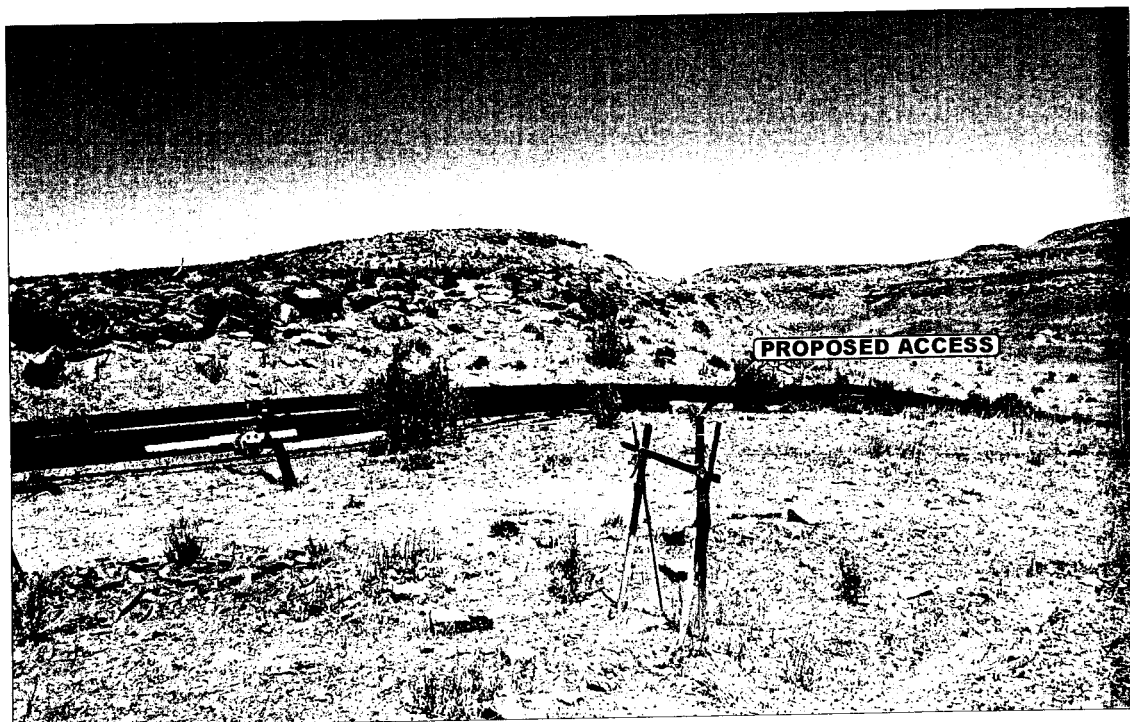


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

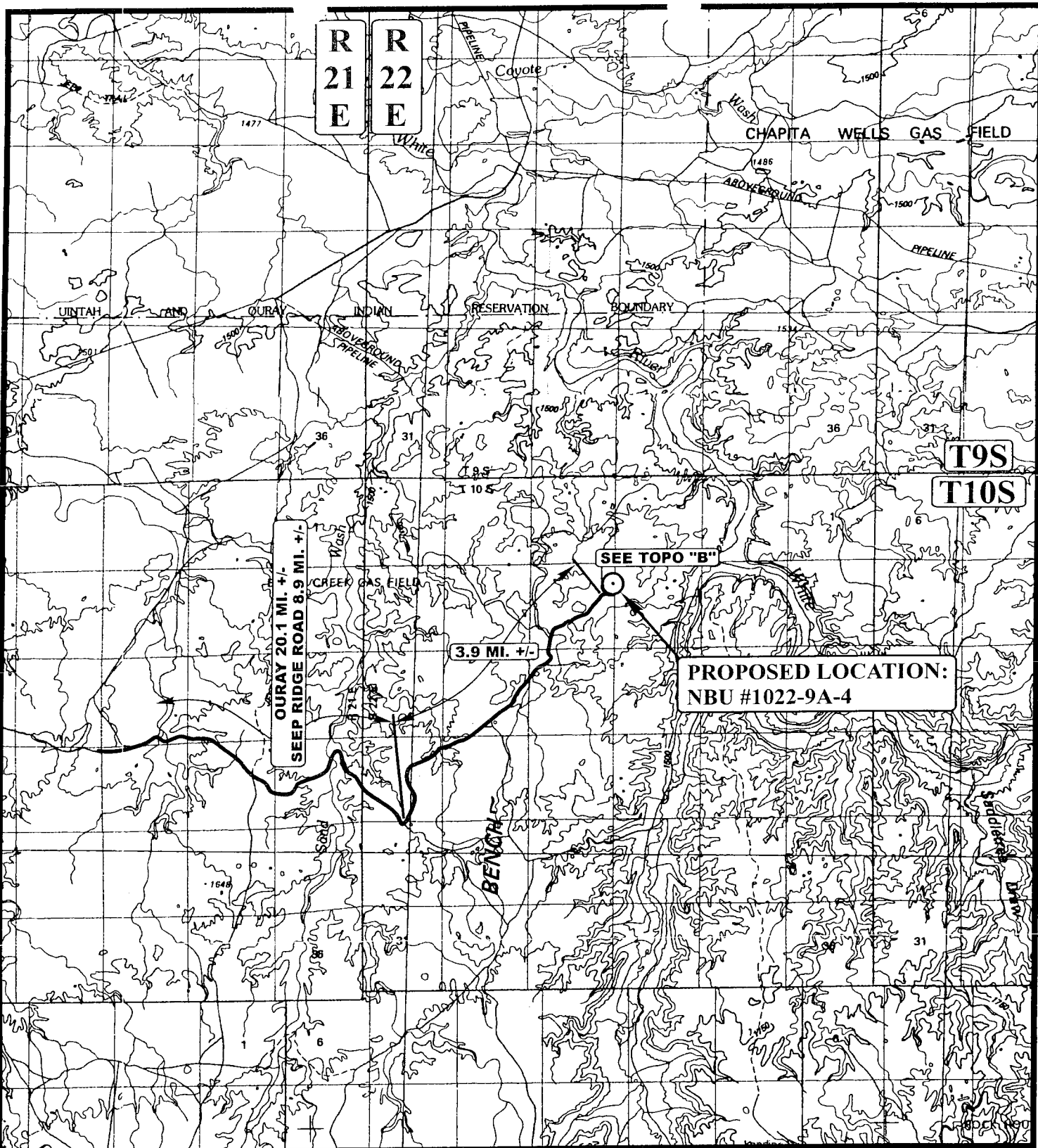
CAMERA ANGLE: NORTHERLY



- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	05	25	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: B.C.		REVISED: 00-00-00	



LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-9A-4

SECTION 9, T10S, R22E, S.L.B.&M.

1253' FNL 140' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

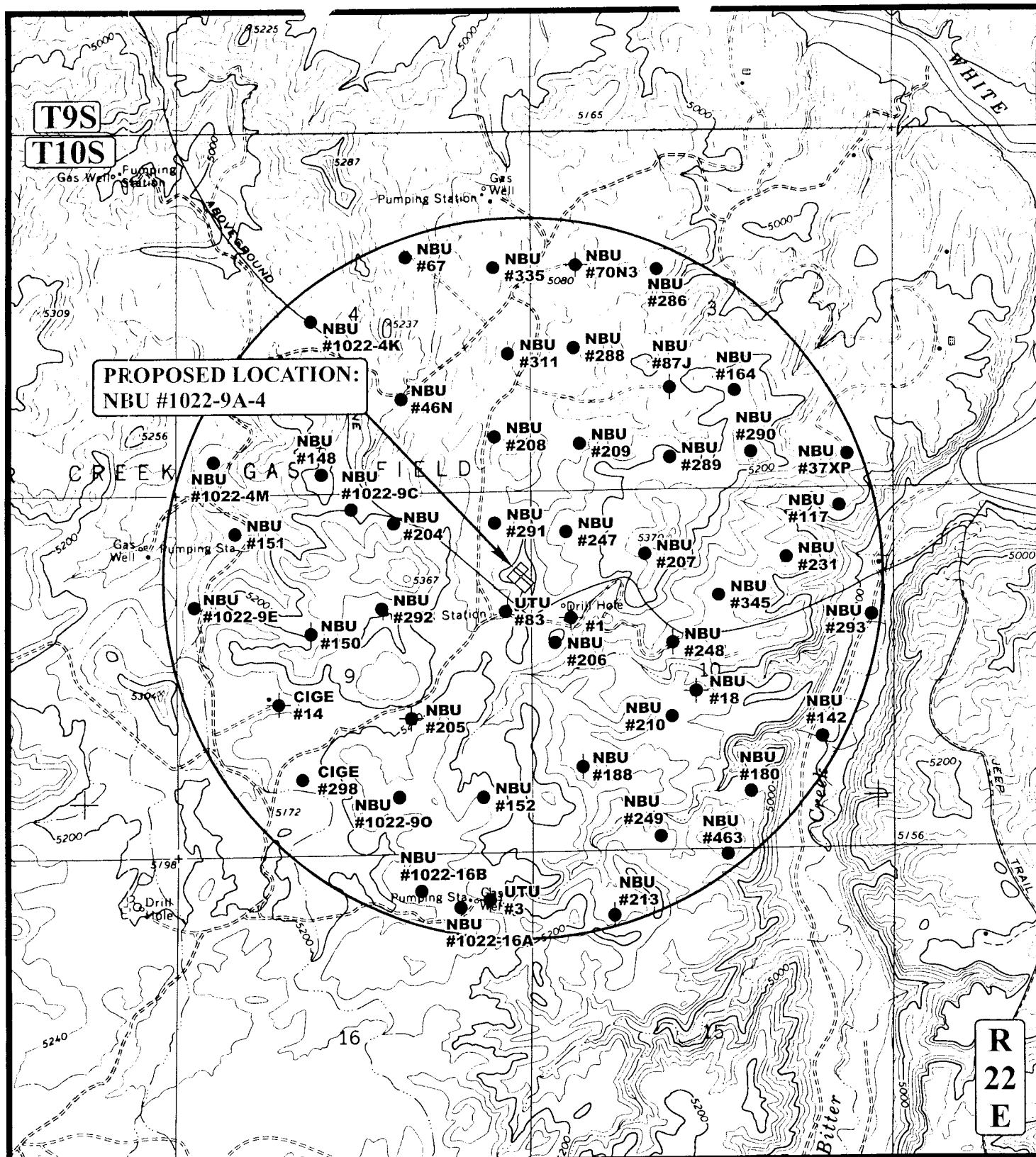
05 25 06
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: B.C.

REVISED: 00-00-00



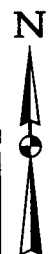


LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

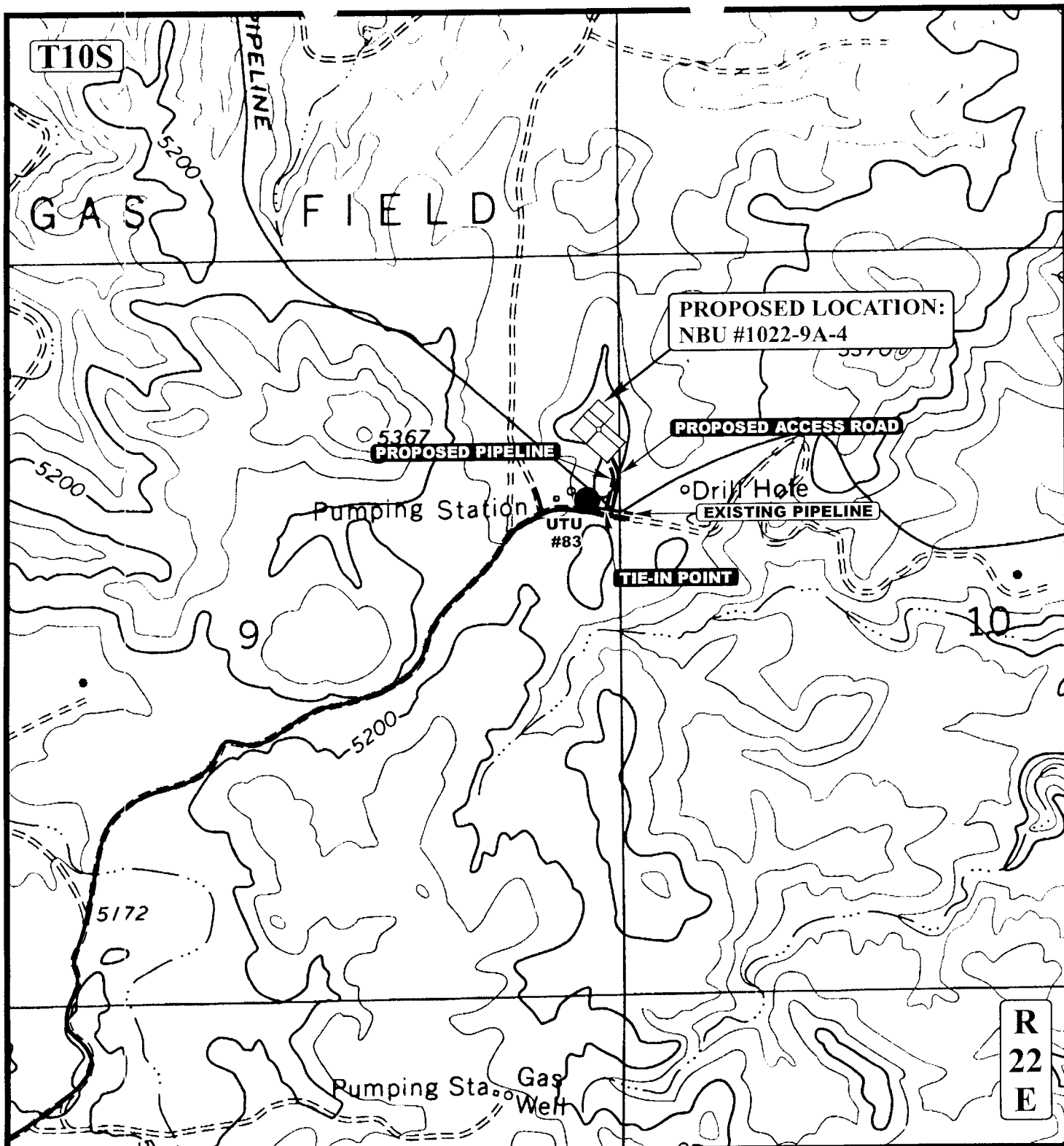


TOPOGRAPHIC MAP

05 25 06
MONTH DAY YEAR

SCALE: 1" = 2000' **DRAWN BY: B.C.** **REVISED: 00-00-00**





APPROXIMATE TOTAL PIPELINE DISTANCE = 420' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N



Kerr-McGee Oil & Gas Onshore LP

NBU #1022-9A-4

SECTION 9, T10S, R22E, S.L.B.&M.

1253' FNL 140' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

05 25 06
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: B.C. REVISED: 00-00-00

D
TOPO

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-9A-4

PIPELINE ALIGNMENT

LOCATED IN UTAH COUNTY, UTAH

SECTION 9, T10S, R22E, S.L.B.&M.



PHOTO: VIEW OF TIE-IN POINT

CAMERA ANGLE: NORTHERLY

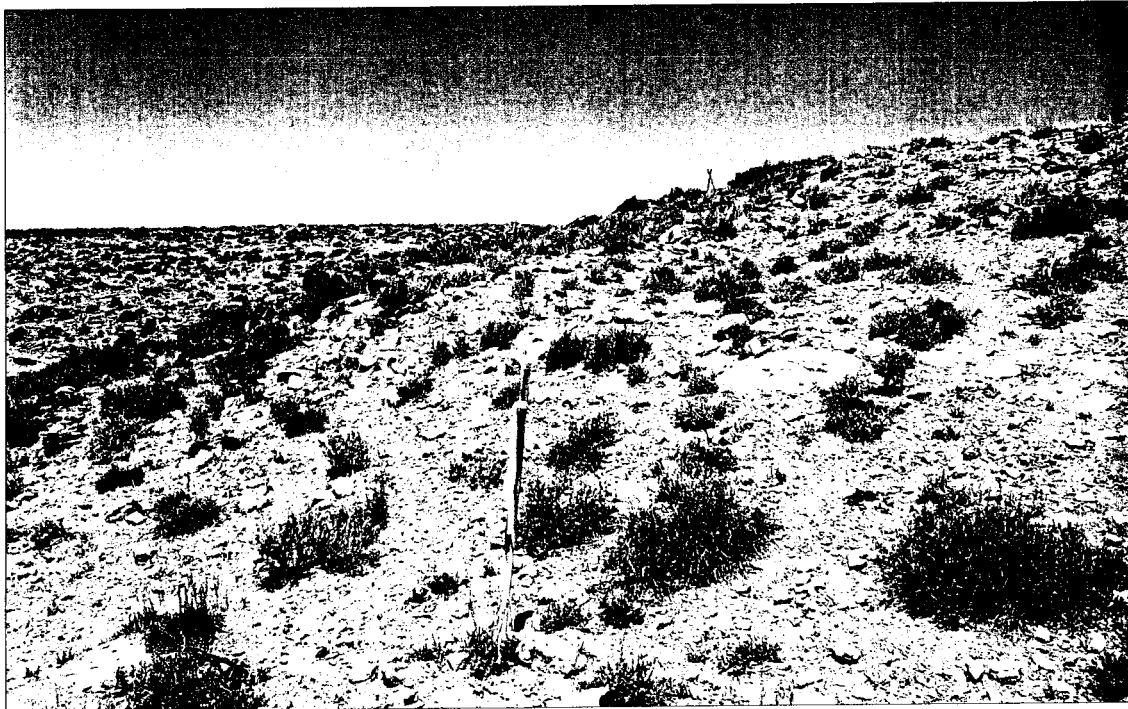


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

E&LS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS		05	25	06	PHOTO
		MONTH	DAY	YEAR	
TAKEN BY: J.R.	DRAWN BY: B.C.	REVISED: 00-00-00			

Kerr-McGee Oil & Gas Onshore LP

FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-9A-4
SECTION 9, T10S, R22E, S.L.B.&M.
1253' FNL 140' FEL

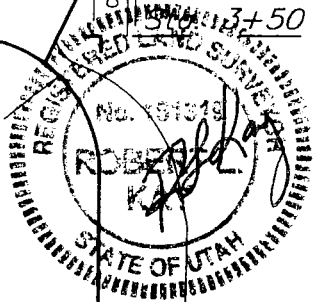
Proposed Access Road

Approx.
Top of
Cut Slope

Round Corners
as Needed

F-4.6'
El. 209.8'

Sta. 3+50



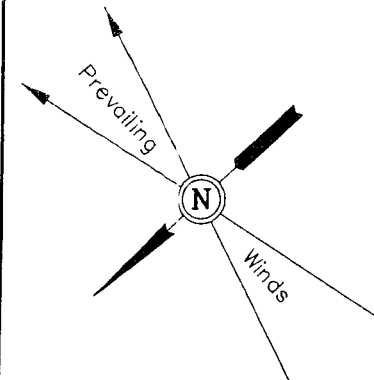
Approx.
Toe of
Fill Slope

Sta. 1+50

F-2.7'
El. 211.7'

Sta. 0+00

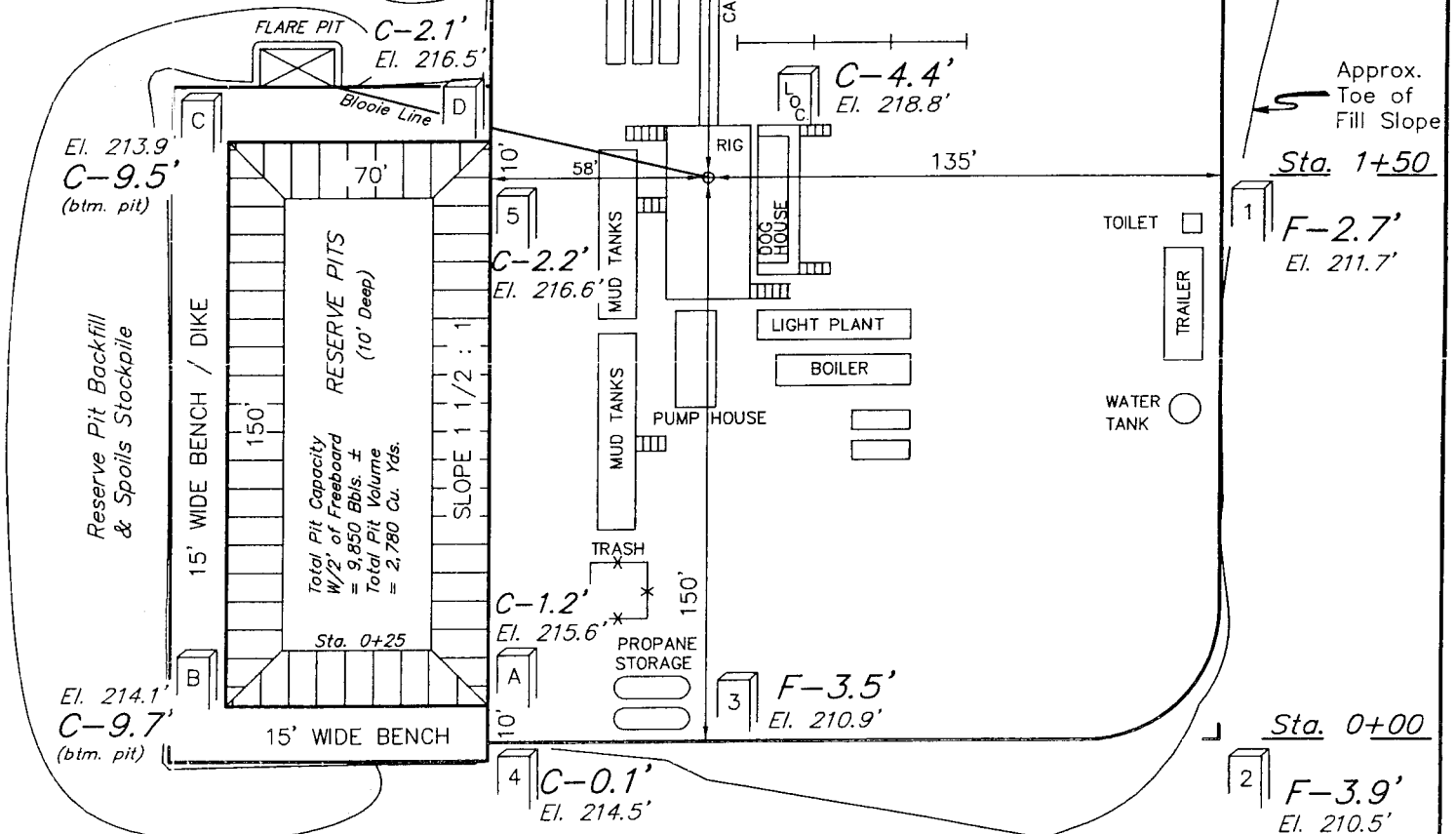
F-3.9'
El. 210.5'



SCALE: 1" = 50'
DATE: 10-31-06
Drawn By: S.L.

NOTE:

Flare Pit is to be located Pit Topsoil
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5218.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 5214.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1022-9A-4

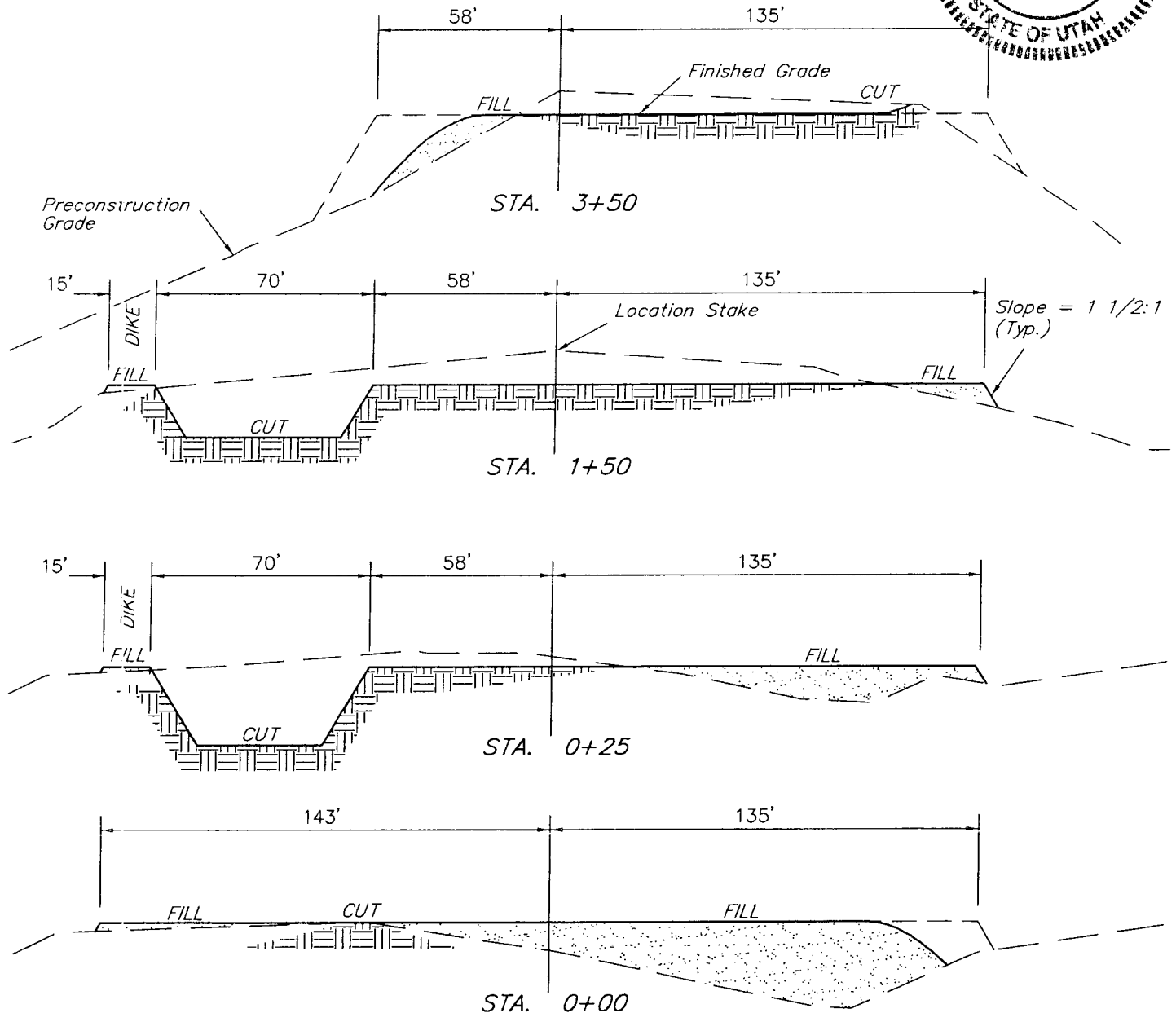
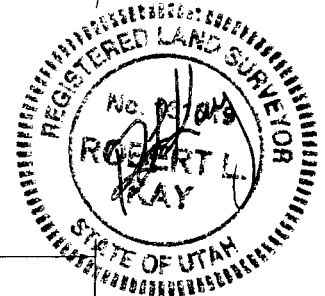
SECTION 9, T10S, R22E, S.L.B.&M.

1253' FNL 140' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 10--31--06

Drawn By: S.L.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,750 Cu. Yds.
Remaining Location = 5,980 Cu. Yds.

TOTAL CUT = 7,730 CU.YDS.
FILL = 4,590 CU.YDS.

EXCESS MATERIAL = 3,140 Cu. Yds.
Topsoil & Pit Backfill = 3,140 Cu. Yds.
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/11/2006

API NO. ASSIGNED: 43-047-38922

WELL NAME: NBU 1022-9A-4

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

PHONE NUMBER: 435-781-7024

CONTACT: SHEILA UPCHEGO

PROPOSED LOCATION:

NENE 09 100S 220E

SURFACE: 1253 FNL 0140 FEL

BOTTOM: 1253 FNL 0140 FEL

COUNTY: UTAH

LATITUDE: 39.96722 LONGITUDE: -109.4352

UTM SURF EASTINGS: 633640 NORTHINGS: 4425082

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01196-D

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WY-2357)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-8496)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: NATURAL BUTTES

___ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 123.14

Eff Date: 12-2-1999

Siting: 460' from u.b.d. & u.c.m.m. Tracts

___ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

*1. Land Use Agreement
2. Oil Shale*



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 3,4,8,9,15 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 13-DECEMBER-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

December 14, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Natural Buttes Unit Uintah
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-38917	NBU 1022-3E-1	Sec 03 T10S R22E 1406 FNL 1202 FWL
43-047-38918	NBU 1022-4H-3	Sec 04 T10S R22E 2426 FNL 1163 FEL
43-047-38919	NBU 1022-4H-2	Sec 04 T10S R22E 1383 FNL 1164 FEL
43-047-38920	NBU 1022-4E-3	Sec 04 T10S R22E 2171 FNL 0137 FWL
43-047-38922	NBU 1022-9A-4	Sec 09 T10S R22E 1253 FNL 0140 FEL
43-047-38923	NBU 1022-15M	Sec 15 T10S R22E 0469 FSL 0849 FWL
43-047-38925	NBU 1022-15N	Sec 15 T10S R22E 0673 FSL 1900 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 14, 2006

Kerr-McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-9A-4 Well, 1253' FNL, 140' FEL, NE NE, Sec. 9,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38922.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal District Office

Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 1022-9A-4
API Number: 43-047-38922
Lease: UTU-01196-D

Location: NE NE **Sec.** 9 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT
UNIT # 891008900A

8. Well Name and No.

NBU 1022-9A-4

9. API Well No.

43-047-38922

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3a. Address -

1999 BROADWAY, STE 3700, DENVER, CO 80202 Attention - Raleen White

3b. Phone No. (include area code)

720-929-6666

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1253' FNL, 140' FEL

NENE, SECTION 9, T10S, R22E SLB&M

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO T THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON DECEMBER 14, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 12-17-07

Initials: [Signature]

Date: 12-17-07

By: [Signature]

RECEIVED

DEC 06 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RALEEN WHITE

Title

SR. REGULATORY ANALYST

Signature

Date

December 4, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RESET

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738922
Well Name: NBU 1022-9A-4
Location: NENE SECTION 9, T10S, R22E SLB&M
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE LP
Date Original Permit Issued: 12/14/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

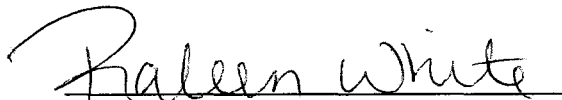
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature


Date

Title: SR. REGULATORY ANALYST

Representing: KERR-MCGEE OIL & GAS ONSHORE LP

RECEIVED

DEC 06 2007

DIV. OF OIL, GAS & MINING

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 04 2006

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No.

UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

UNIT #891008900A

8. Lease Name and Well No.

NBU 1022-9A-4

9. API Well No.

43 047 38922

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area

SEC. 9, T10S, R22E

12. County or Parish

UINTAH

13. State

UTAH

1a. Type of Work: ☒ DRILL ☐ REENTER

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

KERR McGEE OIL & GAS ONSHORE LP

3A. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NENE 1253'FNL, 140'FEL

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*

37 MILES SOUTH OF OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

140'

16. No. of Acres in lease

320.00

17. Spacing Unit dedicated to this well

40.00

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

REFER TO
TOPO C

19. Proposed Depth

8930'

20. BLM/BIA Bond No. on file

BOND NO: WY-2357

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5219'UNGRADED GL

22. Approximate date work will start*

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

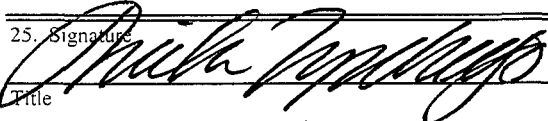
3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office.

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized office.

25. Signature



Name (Printed/Typed)

SHEILA UPCHEGO

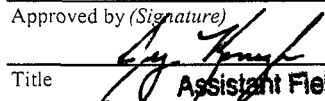
Date

12/4/2006

Title

REGULATORY ANALYST

Approved by (Signature)



Name (Printed/Typed)

TEENY KAWACKA

AUG 21 2008

Title

Assistant Field Manager
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

AUG 25 2008

DIV. OF OIL, GAS & MINING

UDOGM

06BM1831A NOS 6/15/06



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP **Location:** NENE, Sec. 9, T10S, R22E
Well No: NBU 1022-9A-4 **Lease No:** UTU-01196-D
API No: 43-047-38922 **Agreement:** Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Site Specific COAs:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil re-spread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Seeding shall occur in the fall (August 1st until snow or ground is frozen).

DOWNHOLE CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.
- A formation integrity test shall be performed at the surface casing shoe.
- The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, L.P.

Well Name: NBU 1022-9A-4

Api No: 43-047-38922 Lease Type: FEDERAL

Section 09 Township 10S Range 22E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 10/02/08

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by SHEILA UPCHEGO

Telephone # (435) 781-7024

Date 10/02//08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738922	NBU 1022-9A-4		NENE	9	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	99999	2900	10/2/2008		10/27/08		
Comments: WSMVD MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 10/2/08 AT 9:30AM.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED
OCT 02 2008

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

Title

10/2/2008

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 1022-9A-4

9. API Well No.
4304738922

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENE 1253' FNL, 140' FEL
SEC.9, T10S-R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 10/2/08 AT 9:30 AM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Date

October 2, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

OCT 06 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1253' FNL, 140' FEL
NENE, SEC 9 T10S-R22E

5. Lease Serial No.

UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT#891008900A

8. Well Name and No.

NBU 1022-9A-4

9. API Well No.

4304738922

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 10/3/08. DRILLED 12 1/4" SURFACE HOLE TO 2166'. RAN 9 5/8" 36# J-55 SURFACE CSG. CMT W/ 250 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT +/- 220 PSI LIFT TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. 2ND TOP OUT W/ 100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

October 10, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

OCT 14 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 1022-9A-4

9. API Well No.
4304738922

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1253' FNL, 140' FEL
NE/NE, SEC.9, T10S-R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2166' TO 8842' ON 10/24/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/250 SX PREM LITE II @11.3 PPG 3.02 YIELD. TAILED CMT W/250 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. BUMP PLUG 3260 PSI OVER FLOATS HELD. 4 BBLS BACK TO PIT. LAND CSG TEST NIPPLE DOWN BOPE CLEAN TANKS.

RELEASED PIONEER RIG 38 ON 10/7/08 AT 1500 HRS

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Sheila Upchego

Title

REGULATORY ANALYST

Date

October 27, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

RECEIVED

NOV 04 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-01196-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-9A-4

9. API Well No.

4304738922

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1253' FNL, 140' FEL
NE/NE, SEC.9, T10S-R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	START-UP
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 11/10/2008 AT 1400 HRS.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

November 11, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

NOV 12 2008

DIV. OF OIL, GAS & MINING

Wins No.: 95364

NBU 1022-9A-4

Well Operations Summary Long

Operator KERR-MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 10/03/2008	GL 5,219	KB 5219	ROUTE V25
API 4304738922	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		

Long/Lat.:

Wellbore: NBU 1022-9A-4

MTD 8,810	TVD 8,807	PBMD 8,799	PBTVD
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING	START DATE: 10/3/2008
		OBJECTIVE: DEVELOPMENT	END DATE: 10/24/2008
		OBJECTIVE 2: VERTICAL WELL	DATE WELL STARTED PROD.: 10/3/2008
		REASON: MV	Event End Status: SUSPENDED

AFE NO.: 2024574

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
	10/03/2008	10/03/2008	10/03/2008	10/03/2008		10/06/2008	10/06/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
10/3/2008	SUPERVISOR: LEW WELDON						
	20:00 - 0:00	4.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2000 HR 10/3/08 DA AT REPORT TIME 330'
10/4/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1110'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1500'
10/5/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD HIT TRONA WATER @ 1650' DA AT REPORT TIME
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1890'
10/6/2008	SUPERVISOR: LEW WELDON						
10/6/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 2010'
	12:00 - 21:00	9.00	DRLSUR	02		P	RIG T/D @ 2220' CONDITION HOLE 1 HR
	21:00 - 0:00	3.00	DRLSUR	05		P	TRIP DP OUT OF HOLE @ REPORT TIME
10/7/2008	SUPERVISOR: LEW WELDON						
	0:00 - 3:00	3.00	DRLSUR	11		P	RUN 2166' OF 9 5/8 CSG AND RIG DOWN AIR RIG
	3:00 - 4:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 250 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK NO RETURNS TO PIT + - 100 PSI LIFT
	4:00 - 4:30	0.50	DRLSUR	15		P	1ST TOP JOB 100 SKS DOWN BS WOC
	4:30 - 6:30	2.00	DRLSUR	15		P	2ND TOP JOB 100 SKS DOWN BS WOC
	6:30 - 8:30	2.00	DRLSUR	15		P	3RD TOP JOB 225 SKS DOWN BS WOC

Wins No.: 95364		NBU 1022-9A-4				API No.: 4304738922	
	8:30 - 10:30	2.00	DRLSUR	15	P	4TH TOP JOB 225 SKS DOWN BS WOC	
	10:30 - 13:30	3.00	DRLSUR	15	P	5TH TOP JOB 130 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	13:30 - 13:30	0.00	DRLSUR			NO VISIBLE LEAKS PIT WAS 50% FULL WORT	
10/10/2008	SUPERVISOR: BRUCE TAYLOR						
	17:00 - 0:00	7.00	RDMO	01	E	P	RIG DOWN ON THE BITTER CREEK 1122-3A AND PREPARE TO MOVE THE RIG WITH JONES TRUCKING.
10/11/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 8:00	8.00	RDMO	01	E	P	WAIT ON DAYLIGHT. HELD DRIVER SAFETY MEETING.
	8:00 - 17:00	9.00	RDMO	01	A	P	MOVE RIG WITH 14 JONES TRUCKS. RELEASE TRUCKS @ 17:00 HRS.
	17:00 - 0:00	7.00	RDMO	01	B	P	RURT, 100% MOVED, 75% RIGGED UP.
10/12/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 10:00	10.00	MIRU	01	B	P	RURT
	10:00 - 22:00	12.00	MIRU	01	B	P	RAISE DERRICK @ 10:00 AM, CONTINUE RURT. PREPARE TO TEST BOP'S.
	22:00 - 0:00	2.00	MIRU	13	C	P	TEST BLIND RAMS, PIPE RAMS, FLOOR VALVES, CHOKE MANIFOLD AND ALL RELATED VALVES TO 250 AND 5000 PSI. TEST HYDRIL TO 250 AND 2500 PSI.
10/13/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 3:00	3.00	PRPSPD	13	C	P	FINISH TESTING BOP'S.
	3:00 - 3:30	0.50	PRPSPD	11	C	P	TEST CASING TO 1500 PSI FOR 30 MINUTES.
	3:30 - 4:00	0.50	PRPSPD	13	B	P	INSTALL WEAR BUSHING.
	4:00 - 10:30	6.50	PRPSPD	05	A	P	HELD SAFETY MEETING, RU WEATHERFORD LD MACHINE AND RIH WITH BHA, RDMO
	10:30 - 11:00	0.50	PRPSPD	06	C	P	INSTALL ROTATING HEAD.
	11:00 - 14:00	3.00	PRPSPD	02	F	P	DRILL SHOE TRACK
	14:00 - 16:00	2.00	PRPSPD	02	B	P	SPUD, DRILL 2220'-2318' (98') 49'/HR. 14-16K WOB 110 BIT RPM, 8.3/27
	16:00 - 16:30	0.50	PRPSPD	09	A	P	SURVEY @ 2246' - 2.2 DEG.
	16:30 - 17:00	0.50	PRPSPD	06	A	P	SERVICE RIG.
	17:00 - 18:30	1.50	PRPSPD	02	B	P	DRILL 2318'-2415' (97') 64.6'/HR. 16/18K WOB 110 BIT RPM, 8.9/33
	18:30 - 19:00	0.50	PRPSPD	09	A	P	SURVEY @ 2333' - 1.91 DEG.
	19:00 - 0:00	5.00	PRPSPD	02	B	P	DRILL 2415'-2708' (293') 58.6'/HR. 16/18K WOB, 110 BIT RPM, 9.5/38
10/14/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 3:00	3.00	DRLPRO	02	B	P	DRILL 2708'-2884' (176') 58.6'/HR. 18K WOB, 110 BIT RPM, 9.6/35

Wins No.: 95364		NBU 1022-9A-4					API No.: 4304738922
	3:00 - 3:30	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION PIPE RAMS.
	3:30 - 13:00	9.50	DRLPRO	02	B	P	DRILL 2884'-3358' (474') 49.8'/HR. 16/18K WOB, 110 BIT RPM, 9.7/36
	13:00 - 14:00	1.00	DRLPRO	09	A	P	SURVEY @ 3274'- 1.63 DEG. 1330
	14:00 - 17:30	3.50	DRLPRO	02	B	P	DRILL 3358'-3578' (220') 62.8'/HR. 16-18K WOB, 110 BIT RPM, 9.8/38
	17:30 - 18:30	1.00	DRLPRO	16	B	X	STUCK PIPE ON CONNECTION @ 3540', WORK AND JAR PIPE DOWN TO KNOCK LOOSE. WORK THROUGH TIGHT SPOT, LAY DOWN 1 JT. REAM THROUGH SEVERAL TIMES BEFORE TIGHT HOLE @ 3540' CLEANED UP.
	18:30 - 23:30	5.00	DRLPRO	02	B	P	DRILL 3578'-3933' (355') 71'/HR. 16/18K WOB, 110 BIT RPM. 9.9/40
	23:30 - 0:00	0.50	DRLPRO	16	B	X	BIT STUCK ON BOTTOM @ 3933', LOCK TABLE AND JAR SAME LOOSE. REAM TIGHT SPOT OUT AT 3930' TO 3932'.
10/15/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 6:00	6.00	DRLPRO	02	B	P	DRILL 3935'- 4280' (345') 57.5'/HR. 16-18K WOB, 110 BIT RPM, 10.1/41
	6:00 - 7:00	1.00	DRLPRO	16	B	X	STUCK @ BIT @ 4278', JAR SAME LOOSE. REAM OUT TIGHT SPOT AS BEFORE.
	7:00 - 9:30	2.50	DRLPRO	02	B	P	DRILL 4280'-4406' (126') 50.4'/HR. 18-20K WOB, 110 BI RPM, 10.3/41
	9:30 - 10:30	1.00	DRLPRO	05	E	P	WIPER TRIP TO SHOE, PULLS AT 4278' AND 3933' '. SET JARS OFF AT 3933' GOING BACK DOWN THROUGH IT. PULLED TIGHT AND SWABBED @ 3250' TO 2987' AND DRILL STRING BACKLASHED AND WRAPPED UP DRILL LINE. UNABLE TO SLACK OFF, DRILL STRING HOLDING TORQUE IN THE DRILL LINE.
	10:30 - 14:00	3.50	DRLPRO	16	B	X	CALL OUT WEATHERFORD FOR A 4 1/2" SET OF POWER TONGS. WAS ABLE TO GET SLIPS SET AND BLOCKS UNWRAPPED WHILE WAITING.
	14:00 - 15:00	1.00	DRLPRO	05	A	X	JAR BIT LOOSE, PICK UP KELLY, WASH AND REAM TIGHT SPOT. POOH AND STRUCK BIT AT 2760'.
	15:00 - 16:30	1.50	DRLPRO	16	B	X	JAR PIPE LOOSE, WASH AND LAY DOWN 7 JOINTS DP WITH THE KELLY, NUMEROUS TIGHT SPOTS.
	16:30 - 20:00	3.50	DRLPRO	05	A	X	POOH TO SHOE. MIX AND PUMP SLUG, FINISH OUT OF HOLE. LAY DOWN STABILIZER, MOTOR AND THE BIT.
	20:00 - 22:30	2.50	DRLPRO	06	D	X	SLIP AND CUT 1000' OF DRILL LINE.
	22:30 - 23:00	0.50	DRLPRO	06	A	P	SERVICE RIG.
	23:00 - 0:00	1.00	DRLPRO	05	A	S	PICK UP NEW Q504X PDC AND MOTOR, START TIH WITH SAME.
10/16/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 2:00	2.00	DRLPRO	05	A	X	TIH TO TIGHT SPOT AT 2740'
	2:00 - 14:30	12.50	DRLPRO	03	A	X	WASH AND REAM TIGHT HOLE 2740'-2900'. ATTEMPT TO TIH, TIGHT AND STRING TURNS IF FORCES, DRAG 30-50K DOWN AND INCREASING WITH JUST 20' SLACK OFF, LAY DOWN 9 JOINTS AND TIH 3 STANDS AT A TIME. REAM 2900'- 3677'.

Wins No.: 95364		NBU 1022-9A-4					API No.: 4304738922
	14:30 - 15:00	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION ANNULAR. CHECK COM.
	15:00 - 0:00	9.00	DRLPRO	03	A	X	WASH AND REAM 3677'-4325'.
10/17/2008	<u>SUPERVISOR:</u> BRUCE TAYLOR						
	0:00 - 1:00	1.00	DRLPRO	03	A	X	WASH AND REAM 3925' TO 4406'
	1:00 - 16:00	15.00	DRLPRO	02	B	P	DRILL 4406'-5113' (707') 47.1'/HR. 16/18K WOB, 110 BIT RPM, 10.2/46
	16:00 - 16:30	0.50	DRLPRO	06	A	P	SERVICE RIG
	16:30 - 17:00	0.50	DRLPRO	02	B	P	DRILL 5113'-5144' (31') LOST RETURNS.
	17:00 - 18:00	1.00	DRLPRO	04	D	X	LOST FULL RETURNS, MIX LCM TO 8%, PUMP PILL 5 BBLs PAST BIT AND REGAINED FULL RETURNS. INCREASE LCM IN SYSTEM TO 5%. PULL SHAKER SCREEN. LOST TOTAL OF 114 BBLs.
	18:00 - 21:30	3.50	DRLPRO	02	B	P	DRILL 5144'-5331' (187") 53.4'/HR 16-18K WOB, 110 BIT RPM, 10.3/44, FIGHTING PLUGGING JETS.
	21:30 - 22:00	0.50	DRLPRO	09	A	P	SURVEY @ 5250' - 1.15 DEG.
	22:00 - 0:00	2.00	DRLPRO	02	B	P	DRILL 5331'-5446' (115') 57.5'/HR. 16-18K WOB, 110 BT RPM, 10.1/46
10/18/2008	<u>SUPERVISOR:</u> BRUCE TAYLOR						
	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRILL 5446'-6021' (575') 46'/HR. 18-20K WOB, M 110 BIT RPM, 10.1/46
	12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG,
	13:00 - 0:00	11.00	DRLPRO	02	B	P	DRILL 6021'-619' (398') 36.2'/HR. 18-20K WOB, 110 BIT RPM, 10.2/48
10/19/2008	<u>SUPERVISOR:</u> BRUCE TAYLOR						
	0:00 - 12:00	12.00	DRLPRO	02	B	P	DRILL 6419'-6776' (357') 29.7'/HR. 18-22K WOB, M 110 BIT RPM, 10.3/50
	12:00 - 12:30	0.50	DRLPRO	06	A	P	SERVICE RIG,
	12:30 - 14:00	1.50	DRLPRO	02	B	P	DRILL 6776'-6814' (38') 25'/HR. 20-22K WOB, 110 BIT RPM, 10.4/50
	14:00 - 15:00	1.00	DRLPRO	04	C	P	CIRC. BOTTOMS UP, MIX AND PUMP SLUG, DROP SURVEY.
	15:00 - 15:30	0.50	DRLPRO	17		S	30 MINUTE SAFETY MEETING BY ENSIGN SAFETY COACH MARTY AFTER CREW DRUG SCREENING.
	15:30 - 20:00	4.50	DRLPRO	05	A	P	POOH FOR BIT #3 DUE TO SLOW P-RATE. PULLS AT 5046' TO 4877', PIPE CORK SCREWED IN TIGHT SPOTS COMING OUT AT 4352', 2893' AND 2621'. MAX PULL WAS 40 OVER STRING.
	20:00 - 21:30	1.50	DRLPRO	05	A	P	MAKE UP NEW Q506 AND TIH TO THE SHOE WITH SAME.
	21:30 - 22:00	0.50	DRLPRO	06	A	P	SERVICE RIG. INSTALL BELT GUARD ON #2 PUMP.
	22:00 - 0:00	2.00	DRLPRO	05	A	P	TIH WITH BIT #3
10/20/2008	<u>SUPERVISOR:</u> BRUCE TAYLOR						
	0:00 - 1:00	1.00	DRLPRO	05	A	P	FINISH IN HOLE

Wins No.: 95364		NBU 1022-9A-4					API No.: 4304738922
	1:00 - 13:00	12.00	DRLPRO	02	B	P	DRILL 6814'-7326' (512') 42.6'/HR. 18K WOB, 102 BIT RPM, 11.0/47.... LOST 50 BBLS MUD AT 7255', INC. LCM TO 8%
	13:00 - 13:30	0.50	DRLPRO	06	A	P	RIG SERVICE. CHANGE SWAB #1 PUMP.
	13:30 - 16:00	2.50	DRLPRO	02	B	P	DRILL 7326'-7438' (112') 44.8'/HR. 18K WOB, 102 BIT RPM, 11.0/47
	16:00 - 17:00	1.00	DRLPRO	07	B	Z	RIG REPAIR, REPAIR PUMP CLUTCH VALVE ON #1 PUMP. #2 PUMP DOWN WITH CLUTCH OUT.
	17:00 - 0:00	7.00	DRLPRO	02	B	P	DRILL 7438'-7679' (241') 34.4'/HR. 18-20K WOB, 102 BIT RPM, 10.9/46
10/21/2008	SUPERVISOR: BRUCE TAYLOR						
	0:00 - 12:30	12.50	DRLPRO	02	B	P	DRILL 7679'-8124' (445') 35.6'/HR. 18-20K WOB, 102 BIT RPM, 10.2/50
	12:30 - 13:30	1.00	DRLPRO	07	B	Z	WORK ON PUMP. MECHANIC WORKING ON #2
	13:30 - 15:00	1.50	DRLPRO	02	B	P	DRILL 8124'-8159' (35') 23.3'/HR. 18-20K WOB, 102 BIT RPM.
	15:00 - 17:00	2.00	DRLPRO	07	C	Z	WORK ON MUD / GAS SEPARATOR. REPAIR PUMPS, CHANGE 2 SEATS OUT IN #1.
	17:00 - 18:00	1.00	DRLPRO	02	B	P	DRILL 8159'-8190' (31') 31'/HR. 18-20K WOB, 102 BIT RPM. 10.3/48
	18:00 - 19:30	1.50	DRLPRO	07	C	Z	CLEAN OUT MUD / GAS SEPARATOR. FOUND PIECE OF SHEET METAL BLOCKING THE RETURN LINE.
	19:30 - 22:00	2.50	DRLPRO	02	B	P	DRILL 8190'-8230' (40') 16'/HR. 20-22K WOB, 110 BIT RPM, 11.4/45
	22:00 - 23:00	1.00	DRLPRO	04	C	P	CIRCULATE BOTTOMS UP.
	23:00 - 0:00	1.00	DRLPRO	05	A	P	POOH FOR BIT #4 DUE TO SLOW P-RATE.
10/22/2008	SUPERVISOR: KENNETH GATHINGS						
	0:00 - 4:30	4.50	DRLPRO	05	A	P	FINISH OUT OF THE HOLE.
	4:30 - 11:00	6.50	DRLPRO	05	A	P	MAKE UP NEW Q506 AND TIH WITH SAME / FUNCTION TEST BLIND RAMS
	11:00 - 11:30	0.50	DRLPRO	03	D	P	PRECAUTIONARY REAM F/ 8170' - T/ 8230'
	11:30 - 16:00	4.50	DRLPRO	02	B	P	DRILL F/ 8230' - T/ 8441' (211') @ 46.8 fph
	16:00 - 16:30	0.50	DRLPRO	06	A	P	SERVICE RIG & EQUIPMENT / FUNCTION TEST PIPE RAMS
	16:30 - 0:00	7.50	DRLPRO	02	B	P	DRILL F/ 8441' - T/ 8769' (328') @ 43.7 fph
10/23/2008	SUPERVISOR: KENNETH GATHINGS						
	0:00 - 1:00	1.00	DRLPRO	02	B	P	DRILL F/ 8769' - T/ 8810' (41') @ 41 fph) 45 vis / 11.8 ppg
	1:00 - 2:00	1.00	EVALPR	04	C	P	CIRCULATE & CONDITION HOLE FOR SHORT TRIP
	2:00 - 3:00	1.00	EVALPR	05	E	P	SHORT TRIP 10 STANDS / NO FILL - NO PROBLEMS
	3:00 - 5:30	2.50	EVALPR	04	C	P	CIRCULATE & CONDITION HOLE FOR LOGS / SAFETY MEETING / M.I.R.U. WEATHERFORD EQUIPMENT
	5:30 - 13:30	8.00	EVALPR	05	B	P	L.D.D.P. / BREAK KELLY + RELATED EQUIP / L.D.B.H.A.

Wins No.: 95364		NBU 1022-9A-4					API No.: 4304738922
	5:30 - 13:30	8.00	EVALPR	05	B	P	L.D.D.P. / BREAK KELLY + RELATED EQUIP / L.D.B.H.A.
	13:30 - 14:00	0.50	EVALPR	13	B	P	PULL WEAR BUSHING
	14:00 - 21:30	7.50	EVALPR	08	A	P	SAFETY MEETING / M.I.R.U. HALLIBURTON EQUIPMENT / LOG WELL F/ 8820' - T/ SURFACE W/ QUAD COMBO TOOLS / R.D.M.O. LOGGING EQUIPMENT
	21:30 - 0:00	2.50	CSG	11	B	P	SAFETY MEETING / M.I.R.U. WEATHERFORD EQUIPMENT / RUN 4.5 CASING - BREAKING CIRCULATION AT SELECTED INTERVALS
10/24/2008	SUPERVISOR: KENNETH GATHINGS						
	0:00 - 6:30	6.50	CSG	11	B	P	RUN 209 JTS 4.5 #11.6 I-80 LT&C CASING + RELATED TOOLS SET @ 8842' / CASING TAGGED @ 8842' (T.D. CHANGED TO 8842' ON WELL BORE)
	6:30 - 7:00	0.50	CSG	11	B	P	INSTALL MANDREL / INSTALL ROTATING RUBBER
	7:00 - 8:00	1.00	CSG	04	E	P	CIRCULATE & CONDITION HOLE FOR CEMENT / R.D.M.O. WEATHERFORD EQUIPMENT
	8:00 - 8:30	0.50	CSG	15	A	P	SAFETY MEETING / M.I.R.U. HALLIBURTON EQUIPMENT (CIRCULATE WELL) 15'-20' FLARE W/ BOTTOMS UP
	8:30 - 11:30	3.00	CSG	15	A	P	TEST PUMPS & LINES TO 5000 PSI / CEMENT W/ 10 BBLS H2O + 20 BBLS MUD FLUSH + 10 BBLS H2O + 20 SX SCAVENGER (PREM LITE II) @ 9.5 PPG + 445 SX LEAD (PEM LITE II) @ 11.6 PPG + 1250 SX TAIL (50/50 POZ) @ 14.3 + DISPLACE WITH 138 bbls H2O + ADDITIVES / PLUG DOWN @ 1130 HRS W/ 10 BBLS GOOD CEMENT TO PIT / HELD 3260 PSI @ 5 MINS / FLOATS HELD W/ 2.0 bbls RETURNED TO INVENTORY / PLUG BUMPED 4 bbls PRIOR TO CALCULATED VALUES / R.D.M.O. HALLIBURTON EQUIPMENT.
	11:30 - 12:30	1.00	CSG	13	B	P	CLEAN B.O.P.I.D. / SET 90K ON MANDREL / TEST MANDREL TO 5K PSI
	12:30 - 16:30	4.00	RDMO	13	A	P	WASH & CLEAN BOP EQUIPMENT / NIPPLE DOWN / CLEAN PITS / RIG RELEASED @ 16:30 HRS

Wins No.: 95364		NBU 1022-9A-4		API No.: 4304738922			
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 11/3/2008			
		OBJECTIVE: DEVELOPMENT		END DATE: 11/7/2008			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.: 10/3/2008			
		REASON: MV		Event End Status: COMPLETE			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
					Finish Drilling		
					Rig Release		
					Rig Off Location		
MILES 3 / 3		11/03/2008					
		11/07/2008					
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
11/3/2008	<u>SUPERVISOR:</u> DOUG CHIVERS						
	7:00 - 7:30	0.50	COMP	48		P	HSM. MUDDY ROADS & CHAINING UP
	7:30 - 17:00	9.50	COMP	31	H	P	ROAD RIG FROM LOVE 1121-16B TO NBU 1022-9A4. SPOT IN EQUIPMENT & RU RIG. ND WELL HEAD NU BOP'S. PU 3 7/8" MILL & SUB. DRIFT & TALLY 277 JTS OF 2 3/8" J-55 4.7# TBG. TAG FILL @ 8675'. SWI SDFN.
11/4/2008	<u>SUPERVISOR:</u> DOUG CHIVERS						
	7:00 - 7:30	0.50	COMP	48		P	HSM. WORKING WITH OTHERS
	7:30 - 13:00	5.50	COMP	37	B	P	RU POWER SWIVEL. BRK CIRC W/ 2% KCL. TAG CEMENT @ 8,675' DRL OU TO 8,779'. CICR WELL CLEAN. POOH W/ LD 52 JTS & STND BACK 114 STANDS. MIRU B&C QUICK TEST & CUTTERS TO TEST CASING & PERFORATE ZONE 1. ND BOP NU FRAC VALVES. PRESSURE TEST CASING & BOTH FRAC VALVES TO 7,500 PSI. RDMO B&C QUICK TEST. PU 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING. PERFORATE 8,738' - 40 4SPF, 8,684' - 88' 4SPF, 8,652' - 56' 4SPF. 40 HOLES. POOH W/ WIRE LINE. SWI SDFN. FRAC IN AM.
11/5/2008	<u>SUPERVISOR:</u> DOUG CHIVERS						
	7:00 - 7:30	0.50	COMP	48		P	HSM. FRACING & PERFORATING

7:30 - 17:30

10.00

COMP

36

B

P

MIRU BJ SERVICES. PRIME UP PUMPS & LINES. PRESSURE TEST SURFACE EQUIPMENT TO 8,500 PSI.
 STG 1) WHP 275 PSI, BRK 3,899 PSI @ 3.6 BPM, ISIP 2,539 PSI, FG .74.
 PUMP 100 BBLS @ 52.8 BPM @ 4,900 PSI = 100% HOLES OPEN.
 MP 4,973 PSI, MR 54.8 BPM, AP 4,809 PSI, AR 53.9 BPM, ISIP 2,651 PSI, FG .75, NPI 112 PSI.
 PMPD 1,363 BBLS OF SW & 40,712 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 45,712 LBS.

STG 2) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 8,602' & PERF 8,566' - 72' 4SPF, 8,524' - 28' 4SPF, 40 HOLES.
 WHP 610 PSI, BRK 5,095 PSI @ 3.6 BPM, ISIP 2,649 PSI, FG .75.
 PUMP 100 BBLS @ 49.7 BPM @ 6,200 PSI = 60% HOLES OPEN.
 MP 6,281 PSI, MR 52.9 BPM, AP 5,857 PSI, AR 51 BPM, ISIP 2,792 PSI, FG .77, NPI 143 PSI.
 PMPD 1,261 BBLS OF SW & 42,885 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 47,885 LBS.

STG 3) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 8,416' & PERF 8,384' - 86' 4SPF, 8,338' - 42' 4SPF, 8,262'-64 4SPF, 8,226' - 28' 4SPF, 40 HOLES.
 WHP 249 PSI, BRK 3,952 PSI @ 3.8 BPM, ISIP 2,400 PSI, FG .73.
 PUMP 100 BBLS @ 53.8 BPM @ 5,000 PSI = 100% HOLES OPEN.
 MP 4,984 PSI, MR 54.2 BPM, AP 4,714 PSI, AR 53.5 BPM, ISIP 2,803 PSI, FG .78, NPI 403 PSI.
 PMPD 1,925 BBLS OF SW & 69,421 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 74,421 LBS.

STG 4) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 8,128' & PERF 8,092' - 98' 4SPF, 7,978' - 82' 4SPF, 40 HOLES.
 WHP 280 PSI, BRK 5,646 PSI @ 3.7 BPM, ISIP 2,748 PSI, FG .79.
 PUMP 100 BBLS @ 53.4 BPM @ 4,950 PSI = 100% HOLES OPEN.
 MP 5,118 PSI, MR 54.1 BPM, AP 4,766 PSI, AR 53.2 BPM, ISIP 2,637 PSI, FG .77, NPI 111 PSI.
 PMPD 2,151 BBLS OF SW & 76,541 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 81,541 LBS.

STG 5) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 7,890' & PERF 7,850' - 60' 4SPF, 40 HOLES.
 WHP 280 PSI, BRK 5,646 PSI @ 3.7 BPM, ISIP 2,748 PSI, FG .79.
 PUMP 100 BBLS @ 53.4 BPM @ 4,950 PSI = 100% HOLES OPEN.
 MP 5,150 PSI, MR 53.4 BPM, AP 4,638 PSI, AR 52.9 BPM, ISIP 2,653 PSI, FG .78, NPI 116 PSI.
 PMPD 2,208 BBLS OF SW & 78,747 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP 83,747 LBS.

STG 6) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 7,748' & PERF 7,716' - 18' 4SPF, 7,668' - 68' 4SPF, 7,646' - 50' 4SPF, 7,540' - 42' SPF, 40 HOLES.

POOH W/ WIRE LINE. SWI SDFN.

11/6/2008

SUPERVISOR: DOUG CHIVERS

6:30 - 7:00

0.50

COMP

48

P

HSM. FRACING & PERFORATING

7:00 - 16:00

9.00

COMP

36

B

P

STG 6) WHP 2,235 PSI, BRK 4,910 PSI @ 4.4 BPM, ISIP 2,879 PSI, FG .82.
 PUMP 100 BBLs @ 54 BPM @ 5,200 PSI = 100% HOLES OPEN.
 MP 5,192 PSI, MR 53.5 BPM, AP 4,946 PSI, AR 51.7 BPM, ISIP 2,821 PSI, FG .81, NPI -58.
 PMPD 1,900 BBLs OF SW & 66,035 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP PMPD 71,035 LBS.

STG 7) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING.
 SET 8K BAKER CBP @ 7,490' & PERF 7,458' - 60' 4SPF, 7,374' - 78' 4SPF, 7,306' - 08' 4SPF, 7,264' - 66' 4SPF, 40 HOLES.
 WHP 2,138 PSI, BRK 3,289 PSI @ 3.7 BPM, ISIP 2,653 PSI, FG .81.
 PUMP 100 BBLs @ 53 BPM @ 4,300 PSI = 100% HOLES OPEN.
 MP 4,877 PSI, MR 55.5 BPM, AP 4,451 PSI, AR 54.4 BPM, ISIP 2,494 PSI, FG .78, NPI -159.
 PMPD 2,904 BBLs OF SW & 109,261 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND. TOTAL PROP PMPD 114,261 LBS.

KILL PLG) PU 4 1/2" BAKER 8K CBP. RIH SET CBP @ 7,211'.
 RDMO CUTTERS & BJ SERVICES. ND FRAC VALVES NU BOP.
 PU 3 7/8" BIT SUB & POBS & RIH W/ 227 JTS OF TBG. EOT @ 7,115'.
 SWI SDFN

11/7/2008

SUPERVISOR: DOUG CHIVERS

7:00 - 7:30

0.50

COMP

48

P

HSM. DRILLING CBP'S

7:30 - 17:00

9.50

COMP

44

C

P

RU POWER SWIVEL & RIG PUMP. BRK CIRC W/ 2% KCL WATER. RIH
 C/O 10' OF SAND TAG PLG 1 @ 7,168' DRL PLG IN 10 MIN 800 PSI INCREASE. RIH
 C/O 10' OF SAND TAG PLG 2 @ 7,490' DRL PLG IN 10 MIN 400 PSI INCREASE. RIH
 C/O 20' OF SAND TAG PLG 3 @ 7,748' DRL PLG IN 10 MIN 400 PSI INCREASE. RIH
 C/O 25' OF SAND TAG PLG 4 @ 7,890' DRL PLG IN 10 MIN 100 PSI INCREASE. RIH
 C/O 30' OF SAND TAG PLG 5 @ 8,140' DRL PLG IN 10 MIN 300 PSI INCREASE. RIH
 C/O 20' OF SAND TAG PLG 6 @ 8,416' DRL PLG IN 10 MIN 0 PSI INCREASE. RIH
 C/O 50' OF SAND TAG PLG 7 @ 8,602' DRL PLG IN 10 MIN 200 PSI INCREASE. RIH
 C/O TO 8,799' PBT. CIRCULATE WELL CLEAN W/ 2% KCL WATER. POOH LD 11 JTS. LAND TUBING W/ 270 JTS OF 2 3/8" J-55 TBG. EOT @ 8,473.14'.
 ND BOP NU WELL HEAD. DROP BALL TO SHEAR OFF BIT.
 PUMP OFF BIT @ 2,620 PSI.
 SHUT DOWN FOR 30 MIN. TO LET BIT FALL TO BOTTOM.
 TURN WELL OVER TO FLOW TESTERS.

283 JTS OUTBOUND
 270 JTS LANDED
 13 JTS RETURNED

11/8/2008

SUPERVISOR: JASON HACKFORD

7:00 -

33

A

7 AM FLBK REPORT: CP 2000#, TP 1825#, 20/64" CK, 56 BWPH, TRACE SAND, MEDIUM GAS
 TTL BBLs RECOVERED: 2158
 BBLs LEFT TO RECOVER: 11842

11/9/2008

SUPERVISOR: JASON HACKFORD

7:00 -

33

A

7 AM FLBK REPORT: CP 2350#, TP 2225#, 20/64" CK, 45 BWPH, TRACE SAND, MEDIUM GAS
 TTL BBLs RECOVERED: 3290
 BBLs LEFT TO RECOVER: 10710

11/10/2008

SUPERVISOR: JASON HACKFORD

7:00 -

33

A

7 AM FLBK REPORT: CP 2800#, TP 2200#, 20/64" CK, 38 BWPH, TRACE SAND, MEDIUM GAS
 TTL BBLs RECOVERED: 4274
 BBLs LEFT TO RECOVER: 9726

14:00 -

PROD

WELL TURNED TO SALES @ 1400 HR ON 11/10/2008 - FTP 2200#, CP 3200#, CK 20/64", 2200 MCFD, 720 BWPD

Wins No.: 95364		NBU 1022-9A-4		API No.: 4304738922
11/11/2008	SUPERVISOR: JASON HACKFORD	33	A	7 AM FLBK REPORT: CP 3150#, TP 2175#, 20/64" CK, 25 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4873 BBLS LEFT TO RECOVER: 9027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU01196D

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. UNIT #891008900A		
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE			8. Lease Name and Well No. NBU 1022-9A-4		
Contact: SHEILA UPCHEGO Mail: sheila.upchecho@anadarko.com					
3. Address 1368 SOUTH 1200 VERNAL, UT 84078			9. API Well No. 43-047-38922		
3a. Phone No. (include area code) Ph: 435-781-7024					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 1253FNL 140FEL At top prod interval reported below NENE 1253FNL 140FEL At total depth NENE 1253FNL 140FEL			10. Field and Pool, or Exploratory NATURAL BUTTES		
			11. Sec., T., R., M., or Block and Survey or Area Sec 9 T10S R22E Mer SLB		
			12. County or Parish UINTAH		13. State UT
14. Date Spudded 10/02/2008		15. Date T.D. Reached 10/23/2008	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/10/2008		17. Elevations (DF, KB, RT, GL)* 5219 GL
18. Total Depth: MD 8842 TVD		19. Plug Back T.D.: MD 8799 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CCL-GR, SD, DSN, ACTR, BCS			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2166		450			
7.875	4.500 I-80	11.6		8842		1695			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8473							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7264	8740	7264 TO 8740	0.360	280	OPEN
B) WSMVD						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7264 TO 8740	PMP 13,712 BBLS SLICK H2O & 518,602# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/10/2008	11/24/2008	24	→	0.0	2593.0	280.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 1650 SI	Csg. Press. 2050.0	24 Hr. Rate →	Oil BBL 0	Gas MCF 2593	Water BBL 280	Gas:Oil Ratio	Well Status PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #65539 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED
DEC 18 2008

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVERDE	1178 1993 4331 6710	6709 8746			

32. Additional remarks (include plugging procedure):

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #65539 Verified by the BLM Well Information System.
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (please print) SHEILA UPCHEGO

Title OPERATIONS

Signature

(Electronic Submission)

Date 12/12/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.
UTU01196D
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
UNIT #891008900A8. Well Name and No.
NBU 1022-9A-49. API Well No.
43-047-3892210. Field and Pool, or Exploratory
NATURAL BUTTES11. County or Parish, and State
UINTAH COUNTY, UT

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE

Contact: SHEILA UPCHEGO

Email: sheila.upchego@anadarko.com

3a. Address

1368 SOUTH 1200 EAST
VERNAL, UT 84078

3b. Phone No. (include area code)

Ph: 435-781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 9 T10S R22E NENE 1253FNL 140FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPEATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATION.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATORDate: 4.28.2009Initials: KS

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #68890 verified by the BLM Well Information System
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (Printed/Typed) SHEILA UPCHEGO

Title OPERATIONS

Signature

Date 04/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title Pet Eng.

Date 4/23/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOGM

Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*Case 173-14

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

APR 20 2009

DIV. OF OIL, GAS & MINING

Name: NBU 1022-9A-4
Location: SENE-Section 9-T10S-R22E
Uintah County, UT
Date: April 8, 2009

ELEVATIONS: 5129' GL 5233' KB

TOTAL DEPTH: 8842' **PBTD:** 8799'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2167'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8842'
 Marker Joint **4320-4337'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1178' Green River
 1517' Birds Nest
 1993' Mahogany
 4331' Wasatch
 6710' Mesaverde
 Estimated T.O.C. from CBL @3100'

GENERAL:

- Four DFITs are planned for this recompletion.
- A minimum of **15** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 10/23/08
- **6** fracturing stages required for coverage.
- Procedure calls for 7 CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump 20/40mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~8473'
- Originally completed on 11/5/08

Existing Perforations:

Zones	Perforations		SPF	Holes
	Top, ft	Bottom, ft		
MESAVERDE	8652	8656	4	16
MESAVERDE	8684	8688	4	16
MESAVERDE	8738	8740	4	8
MESAVERDE	8524	8528	4	16
MESAVERDE	8566	8572	4	24
MESAVERDE	8226	8228	4	8
MESAVERDE	8262	8264	4	8
MESAVERDE	8338	8342	4	16
MESAVERDE	8384	8386	4	8
MESAVERDE	7978	7982	4	16
MESAVERDE	8092	8098	4	24
MESAVERDE	7850	7860	4	40
MESAVERDE	7540	7542	4	8
MESAVERDE	7646	7650	4	16
MESAVERDE	7666	7668	4	8
MESAVERDE	7716	7718	4	8
MESAVERDE	7264	7266	4	8
MESAVERDE	7306	7308	4	8
MESAVERDE	7374	7378	4	16
MESAVERDE	7458	7460	4	8

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 tubing (currently landed at ~8473'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7226' (50' below proposed CBP). Otherwise P/U a mill and C/O to 7226' (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7176'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6952	6954	4	8
MESAVERDE	6984	6986	4	8
MESAVERDE	7074	7078	4	16
MESAVERDE	7144	7146	4	8

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6942' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Note: Stage has tight spacing.

7. Set 8000 psi CBP at ~6932'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6898	6902	4	16

8. Perform a DFIT utilizing surface gauges as directed. Note the following:
- Dump bail acid if needed to breakdown perforations
 - Pump 1000 gals at ~ 5 bpm
 - After pumping volume, shut well in and monitor for at least 6 hours.

9. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	6780	6783	3	9
MESAVERDE	6848	6851	3	9
MESAVERDE	6877	6880	3	9

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6770' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Note: Stage has tight spacing.

11. Set 8000 psi CBP at ~6760'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6586	6592	3	18

12. Perform a DFIT utilizing surface gauges as directed. Note the following:
- Dump bail acid if needed to breakdown perforations
 - Pump 1000 gals at ~ 5 bpm
 - After pumping volume, shut well in and monitor for at least 6 hours.

Note: Immediately after the DFIT, the gauge data will be emailed to David Cocciolone and Robert Miller. Based on the level of depletion, a decision will be made on fracing this stage. If desired to frac, proceed to step 13. If not, do not perforate/frac and skip to step 15. The extra sand and fluid can be spread evenly across the next three stages.

13. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
------	------	----	-----	------------

WASATCH	6686	6690	3	12
WASATCH	6726	6730	3	12

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6536' trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~6360'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6156	6160	3	12
WASATCH	6193	6197	3	12
WASATCH	6326	6330	4	16

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6106' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~5609'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5536	5544	3	24

18. Perform a DFIT utilizing surface gauges as directed. Note the following:

- Dump bail acid if needed to breakdown perforations
- Pump 1000 gals at ~ 5 bpm
- After pumping volume, shut well in and monitor for at least 6 hours.

19. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5572	5579	3	21

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5486' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

21. Set 8000 psi CBP at ~5350'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5306	5320	3	42

22. Perform a DFIT utilizing surface gauges as directed. Note the following:

- Dump bail acid if needed to breakdown perforations
- Pump 1000 gals at ~ 5 bpm
- After pumping volume, shut well in and monitor for at least 6 hours.

23. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5256' and flush only with recycled water.

24. Set 8000 psi CBP at ~5256'.

25. TIH with 3 7/8" bit, pump off sub, SN and tubing.

26. Mill plugs and clean out to 8799'. Land tubing at $\pm 5200'$, as a production log will be run within the first month of production. This well will be commingled at this time.
27. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
28. RDMO

For design questions, please call
David Cocciolone, Denver, CO
(832)-453-2043 (Cell)
(720)-929-6716 (Office)

For field implementation questions, please call
Robert Miller, Vernal, UT
(435)-781-7041 (Office)

NOTES:

Expected incremental production of 1 MMCFD.

4 DFITs to be performed in order to better understand possible depletion. Offset well has cum'd nearly 4 BCF.

NBU 1022-9A-4
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6952	6954	4	8	6943	to	6947
	MESAVERDE	6984	6986	4	8	6949	to	6956
	MESAVERDE	7074	7078	4	16	6971	to	6994
	MESAVERDE	7144	7146	4	8	7012	to	7012
	MESAVERDE		No Perfs			7025	to	7034
	MESAVERDE		No Perfs			7036	to	7040
	MESAVERDE		No Perfs			7048	to	7051
	MESAVERDE		No Perfs			7065	to	7080
	MESAVERDE		No Perfs			7086	to	7087
	MESAVERDE		No Perfs			7092	to	7100
	MESAVERDE		No Perfs			7123	to	7124
	MESAVERDE		No Perfs			7135	to	7136
	MESAVERDE		No Perfs			7139	to	7146
	MESAVERDE		No Perfs			7150	to	7153
	MESAVERDE		No Perfs			7154	to	7159
	MESAVERDE		No Perfs			7195	to	7195
	# of Perfs/stage				40	CBP DEPTH	6,932	
2	MESAVERDE	6780	6783	3	9	6768	to	6775
	MESAVERDE	6848	6851	3	9	6777	to	6786
	MESAVERDE	6877	6880	3	9	6786	to	6786
	MESAVERDE	6898	6902	4	16	6789	to	6791
	MESAVERDE		No Perfs			6802	to	6805
	MESAVERDE		No Perfs			6817	to	6818
	MESAVERDE		No Perfs			6831	to	6843
	MESAVERDE		No Perfs			6845	to	6867
	MESAVERDE		No Perfs			6868	to	6886
	MESAVERDE		No Perfs			6888	to	6910
	# of Perfs/stage				43	CBP DEPTH	6,760	
3	WASATCH	6586	6592	3	18	6563	to	6565
	WASATCH	6666	6690	3	12	6567	to	6590
	WASATCH	6726	6730	3	12	6601	to	6601
	WASATCH		No Perfs			6622	to	6622
	WASATCH		No Perfs			6636	to	6636
	WASATCH		No Perfs			6641	to	6642
	WASATCH		No Perfs			6656	to	6656
	WASATCH		No Perfs			6683	to	6694
	WASATCH		No Perfs			6710	to	6710
	WASATCH		No Perfs			6711	to	6711
	WASATCH		No Perfs			6714	to	6716
	WASATCH		No Perfs			6724	to	6733
	WASATCH		No Perfs			6734	to	6736
	# of Perfs/stage				42	CBP DEPTH	6,360	
4	WASATCH	6156	6160	3	12	6154	to	6163
	WASATCH	6193	6197	3	12	6193	to	6198
	WASATCH	6326	6330	4	16	6199	to	6199
	WASATCH		No Perfs			6244	to	6244
	WASATCH		No Perfs			6257	to	6257
	WASATCH		No Perfs			6281	to	6282
	WASATCH		No Perfs			6314	to	6314
	WASATCH		No Perfs			6320	to	6331
	WASATCH		No Perfs			6360	to	6362
	# of Perfs/stage				40	CBP DEPTH	5,608	
5	WASATCH	5536	5544	3	24	5473	to	5476
	WASATCH	5572	5579	3	21	5504	to	5509
	WASATCH		No Perfs			5529	to	5552
	WASATCH		No Perfs			5571	to	5583
	# of Perfs/stage				45	CBP DEPTH	5,350	
6	WASATCH	5306	5320	3	42	5159	to	5159
	WASATCH		No Perfs			5194	to	5201
	WASATCH		No Perfs			5202	to	5203
	WASATCH		No Perfs			5306	to	5334
	# of Perfs/stage				42	CBP DEPTH	5,256	
Totals					252			

Fracturing Schedules
NSU 1022-9A-4
Slickwater Frac

Stage	Zone	Feet		Perfs	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Send lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
		of Pay	Top, ft. Bot. ft.																		
1	MESAVERDE	4	6952 6954	4	8	Varied	Pump-in test				Slickwater		0	0	0						
	MESAVERDE	7	6984 6986	4	8	0	ISIP and 5 min ISIP				Slickwater	8,235	8,235	196	196	15.0%	0.0%	0	0		45
	MESAVERDE	23	7074 7078	4	16	50	Slickwater Pad				Slickwater	15,555	23,791	370	566	28.3%	17.2%	9,722	9,722		23
	MESAVERDE	0	7144 7146	4	6	50	Slickwater Ramp	0.25	1	Slickwater	15,555	23,791	370	566	28.3%	17.2%	9,722	9,722		0	
	MESAVERDE	9	No Perfs			50	SW Squeeze	0	0	Slickwater	0	23,791	0	566	0.0%	0.0%	0	9,722		0	
	MESAVERDE	4	No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	15,555	39,346	370	937	28.3%	34.5%	19,444	29,167		23	
	MESAVERDE	3	No Perfs			50	SW Squeeze	0	0	Slickwater	0	39,346	0	937	0.0%	0.0%	0	29,167		0	
	MESAVERDE	15	No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	0	39,346	0	937	0.0%	0.0%	0	29,167		0	
	MESAVERDE	1	No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	15,555	54,902	370	1,307	28.3%	48.3%	27,222	56,389		0	
	MESAVERDE	8	No Perfs			50	Flush (4-1/2")				4,532	59,433	108	1,415				56,389		45	
	MESAVERDE	1	No Perfs				ISDP and 5 min ISDP					59,433								161	
	MESAVERDE	7	No Perfs																		
	MESAVERDE	3	No Perfs								Sand laden Volume		54,902								
	MESAVERDE	5	No Perfs																		
	MESAVERDE	0	No Perfs																		
		91	# of Perfs/stage		48	26.3	<< Above pump time (min)									Flush depth	6942	gal/ft	603	620	10
																		CBP depth	6,932	lbs sand/ft	
2	MESAVERDE	7	6780 6783	3	9	Varied	Pump-in test				Slickwater		0	0	0						
	MESAVERDE	9	6848 6851	3	9	0	ISIP and 5 min ISIP				Slickwater	9,981	9,981	238	238	15.0%	0.0%	0	0		30
	MESAVERDE	0	6877 6880	3	9	50	Slickwater Pad				Slickwater	18,852	28,833	449	687	28.3%	16.5%	11,783	11,783		28
	MESAVERDE	2	6896 6902	4	16	50	Slickwater Ramp	0.25	1	Slickwater	18,852	28,833	449	687	28.3%	16.5%	11,783	11,783		28	
	MESAVERDE	3	No Perfs			50	SW Squeeze	0	0	Slickwater	0	28,833	0	687	0.0%	0.0%	0	11,783		0	
	MESAVERDE	1	No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	18,852	47,686	449	1,135	28.3%	33.0%	23,566	35,348		28	
	MESAVERDE	12	No Perfs			50	SW Squeeze	0	0	Slickwater	0	52,936	125	1,260	0.0%	0.0%	0	35,348		0	
	MESAVERDE	22	No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	0	52,936	71	1,332	4.2%	3.000	38,348	71,340		0	
	MESAVERDE	18	No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	18,852	71,788	449	1,709	28.3%	46.2%	32,992	71,340		0	
	MESAVERDE	22	No Perfs			50	Flush (4-1/2")				4,419	76,208	105	1,814				71,340		44	
							ISDP and 5 min ISDP					76,208								130	
		96	# of Perfs/stage		43	34.2	<< Above pump time (min)									Flush depth	6770	gal/ft	693	743	10
																		CBP depth	6,760	lbs sand/ft	
3	WASATCH	2	6586 6592	3	18	Varied	Pump-in test				Slickwater		0	0	0						
	WASATCH	23	6686 6690	3	12	0	ISIP and 5 min ISIP				Slickwater	4,350	4,350	104	104	15.0%	0.0%	0	0		13
	WASATCH	0	6726 6730	3	12	50	Slickwater Pad				Slickwater	8,217	12,567	196	299	28.3%	17.2%	5,135	5,135		12
	WASATCH	0	No Perfs			50	SW Squeeze	0	0	Slickwater	0	12,567	0	299	0.0%	0.0%	0	5,135		0	
	WASATCH	1	No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	8,217	20,783	196	495	28.3%	34.5%	10,271	15,406		12	
	WASATCH	0	No Perfs			50	SW Squeeze	0	0	Slickwater	0	20,783	0	495	0.0%	0.0%	0	15,406		0	
	WASATCH	11	No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	0	20,783	0	495	0.0%	0.0%	0	15,406		0	
	WASATCH	0	No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	8,217	29,000	196	690	28.3%	48.3%	14,379	29,785		0	
	WASATCH	0	No Perfs			50	Flush (4-1/2")				4,267	33,267	102	792				29,785		41	
	WASATCH	2	No Perfs				ISDP and 5 min ISDP					33,267								79	
	WASATCH	9	No Perfs																		
	WASATCH	2	No Perfs																		
		50	# of Perfs/stage		42	13.8	<< Above pump time (min)									Flush depth	6536	gal/ft	680	696	176
																		CBP depth	6,360	lbs sand/ft	
4	WASATCH	9	6166 6160	3	12	Varied	Pump-in test				Slickwater		0	0	0						
	WASATCH	5	6193 6197	3	12	0	ISIP and 5 min ISIP				Slickwater	3,751	3,751	89	89	15.0%	0.0%	0	0		11
	WASATCH	0	6326 6330	4	16	50	Slickwater Pad				Slickwater	7,084	10,835	169	258	28.3%	17.2%	4,428	4,428		11
	WASATCH	0	No Perfs			50	SW Squeeze	0.25	1	Slickwater	7,084	10,835	169	258	28.3%	17.2%	4,428	4,428		0	
	WASATCH	1	No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	7,084	17,920	169	427	28.3%	34.5%	8,856	13,283		11	
	WASATCH	0	No Perfs			50	SW Squeeze	0	0	Slickwater	0	17,920	0	427	0.0%	0.0%	0	13,283		0	
	WASATCH	11	No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	0	17,920	0	427	0.0%	0.0%	0	13,283		0	
	WASATCH	2	No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	7,084	25,004	169	595	28.3%	48.3%	12,398	25,681		0	
						50	Flush (4-1/2")				3,986	28,990	95	690				25,681		36	
							ISDP and 5 min ISDP					28,990								69	
		28	# of Perfs/stage		40	11.9	<< Above pump time (min)									Flush depth	6106	gal/ft	893	917	497
																		CBP depth	6,609	lbs sand/ft	
5	WASATCH	3	5536 5544	3	24	Varied	Pump-in test				Slickwater		0	0	0						
	WASATCH	5	5672 5579	3	21	0	ISIP and 5 min ISIP				Slickwater	5,579	5,579	133	133	15.0%	0.0%	0	0		17
	WASATCH	23	No Perfs			50	Slickwater Pad				Slickwater	10,539	16,118	251	384	28.3%	17.2%	6,587	6,587		16
	WASATCH	12	No Perfs			50	Slickwater Ramp	0.25	1	Slickwater	10,539	16,118	251	384	28.3%	17.2%	6,587	6,587		0	
						50	SW Squeeze	0	0	Slickwater	0	16,118	0	384	0.0%	0.0%	0	6,587		0	
						50	Slickwater Ramp	1	1.5	Slickwater	10,539	26,656	251	635	28.3%	34.5%	13,173	19,760		16	
						50	SW Squeeze	0	0	Slickwater	0	26,656	0	635	0.0%	0.0%	0	19,760		0	
						50	Slickwater Ramp	0.5	1.5	Slickwater	0	26,656	0	635	0.0%	0.0%	0	19,760		0	
						50	Slickwater Ramp	1.5	2	Slickwater	10,539	37,195	251	888	28.3%	48.3%	18,443	38,202		35	
						50	Flush (4-1/2")				3,581	40,776	85	971				38,202		53	
							ISDP and 5 min ISDP					40,776								83	
		43	# of Perfs/stage		45	17.7	<< Above pump time (min)									Flush depth	5486	gal/ft	866	888	136
																		CBP depth	6,360	lbs sand/ft	
6	WASATCH	0	5306 5320	3	42	Varied	Pump-in test				Slickwater		0	0	0						
	WASATCH	7	No Perfs			50	Slickwater Pad				Slickwater	3,748	3,748	89	89	15.0%	0.0%	0	0		11
	WASATCH	1	No Perfs			50	Slickwater Ramp	0.25	1	Slickwater	7,079	10,826	169	258	28.3%	17.2%	4,424	4,424		11	
	WASATCH	28	No Perfs			50</															

NBU 1022-9A-4
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6952	6954	4	8	6943	to	6947
	MESAVERDE	6984	6986	4	8	6949	to	6956
	MESAVERDE	7074	7078	4	16	6971	to	6994
	MESAVERDE	7144	7146	4	8	7012	to	7012
	# of Perfs/stage				40	CBP DEPTH	6,932	
2	MESAVERDE	6780	6783	3	9	6768	to	6775
	MESAVERDE	6848	6851	3	9	6777	to	6786
	MESAVERDE	6877	6880	3	9	6786	to	6786
	MESAVERDE	6898	6902	4	16	6789	to	6791
	# of Perfs/stage				43	CBP DEPTH	6,760	
3	WASATCH	6586	6592	3	18	6563	to	6565
	WASATCH	6686	6690	3	12	6567	to	6590
	WASATCH	6726	6730	3	12	6601	to	6601
	# of Perfs/stage				42	CBP DEPTH	6,360	
4	WASATCH	6156	6160	3	12	6154	to	6163
	WASATCH	6193	6197	3	12	6193	to	6198
	WASATCH	6326	6330	4	16	6199	to	6199
	# of Perfs/stage				40	CBP DEPTH	5,609	
5	WASATCH	5536	5544	3	24	5473	to	5476
	WASATCH	5572	5579	3	21	5504	to	5509
	# of Perfs/stage				45	CBP DEPTH	5,350	
6	WASATCH	5306	5320	3	42	5159	to	5159
	# of Perfs/stage				42	CBP DEPTH	5,256	
	Totals				252			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196-D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-9A-4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1253 FNL 0140 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047389220000
PHONE NUMBER: 720 929-6587 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/6/2009	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS RECOMPLETED THE NEWLY WASATCH AND MESAVARDE FORMATIONS, AND HAS COMMINGLED THE NEWLY WASATCH AND MESAVARDE FORMATIONS. THE OPERATOR HAS PLACED THE SUBJECT WELL ON PRODUCTION ON 06/06/2009 AT 9:20 AM. PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.		
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 11, 2009 </div>		
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/11/2009	

ROCKIES

Operation Summary Report

Well: NBU 1022-9A-4			Spud Conductor: 10/2/2008				Spud Date: 10/3/2008		
Project: UTAH			Site: UINTAH				Rig Name No: MILES-GRAY 1/1		
Event: RECOMPLETION			Start Date: 5/29/2009				End Date:		
Active Datum: RKB @5,233.00ft (above Mean Sea Level)			UWI: NBU 1022-9A-4						
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation	
5/29/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- RUSU. EWL.	
	7:30 - 16:30	9.00	COMP	31		P		FTP 320, FCP 320. BWD TO PROD TANKS. RUSU. PMP 35 BBLS DOWN TBG. ND WH. NU BOP. RU FLOOR. UNLAND TBG FROM 8473'. LD 4" 10K FMC HANGER. SLM AS POOH W/ 270-JTS 2-3/8" J-55 TBG. (LD 2 BTM JTS W/ SCALE ID). CONTROL WELL W/ 50 BBLS. LD SN. RU SCHLUMBERGER EWL. RIH W/ 3.76" GR/JB TO 7300'. GOOD. RIH AND SET HAL CO 10K CBP AT 7176'. FILL CSG W/ 60 BBLS. RU B&C. P-TEST CSG AND FRAC VALVES TO 6000 PSI. GOOD. BLEED OFF PRES. RD B&C. RIH W/ 3-3/8" EXP GUN (23 GR, .36" HOLE, 90° PHASING) AND PERF 7144-46' (4 SPF), 7074-78' (4 SPF), 6984-86' (4 SPF), AND 6952-54' (4 SPF) 40 HOLES TOTAL. POOH AND RD SCHLUMBERGER EWL.	
6/1/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- FRACING, EWL, SLICK LINE.	

ROCKIES

Operation Summary Report

Well: NBU 1022-9A-4	Spud Conductor: 10/2/2008	Spud Date: 10/3/2008
Project: UTAH	Site: UINTAH	Rig Name No: MILES-GRAY 1/1
Event: RECOMPLETION	Start Date: 5/29/2009	End Date:
Active Datum: RKB @5,233.00ft (above Mean Sea Level)	UWI: NBU 1022-9A-4	

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:30 - 19:30	12.00	COMP	36	B	P		<p>RU SCHLUMGERGER FRAC AND EWL. RU DELSCO AND HALCO GAUGES FOR DFITS.</p> <p>PRES TEST SURFACE LINES TO 8500 PSI. GOOD.</p> <p>NOTE: ALL GUNS 3-3/8" EXP, 4 SPF ON 90° AND 3 SPF ON 120° PHASING, 23 GRAM CHARGES .36" PERF HOLE. PMP NALCO BIOCIDES AND SCALE INHIB AS PER PROCEEDURE.</p> <p>PERFS- 6952-54 (4 SPF), 6984-86 (4 SPF), 7074-78 (4 SPF), 7144-46 (4 SPF).</p> <p>STAGE #1- OPEN WELL- SICP 1428 PSI. BRK 3633 PSI AT 5.3 BPM, ISIP 2200, FG .74. PMP 100 BBLS SLK WTR, 50 BPM @ 3889 PSI = 71% PERFS OPEN.</p> <p>MP 5617, MR 50.1, AP 3504, AR 41.5, FG .74, ISIP 2150, NPI -50.</p> <p>BBLS PMP 1577 SLK WTR, 52,478# 30/50 AND 5,000# 20/40 RESIN (TOT PROP 57,478#)</p> <p>STAGE #2- PU 4-1/2" HALCO 8K CBP AND PERF GUN.</p> <p>SET CBP AT 6932'. PULL UP AND PERF 6898-902' (4 SPF). 16 HOLES TOTAL.</p> <p>RU DELSCO AND RIH W/ HALCO DFIT GUAGES. SPOT GUAGES AT 6882'</p> <p>OPEN WELL 794 PSI. BD 1418 PSI. PMP 1000 GAL AT 5.3 BPM AT 1378 PSI. FG .58. ISIP 1040 PSI. SWI AND WAIT 6-HRS. SICP 650 PSI. PULL GAUGES. RIH AND PERF 6877-80 (3 SPF), 6848-51' (3 SPF), 6780-83' (3 SPF).</p> <p>OPEN WELL- SICP 563 PSI. BRK 1564 PSI AT 5.3 BPM, ISIP 1050, FG .58. PMP 100 BBLS SLK WTR, 50.0 BPM @ 2830 PSI = 96% PERFS OPEN.</p> <p>MP 3239, MR 56.0, AP 2754, AR 45.9, FG .68, ISIP 1718, NPI 668.</p> <p>BBLS PMP 1980 SLK WTR, 67,342# 30/50 AND 5,000# 20/40 RESIN (TOT PROP 72,342#)</p> <p>STAGE #3- PU 4-1/2" HALCO 8K CBP AND PERF GUN.</p> <p>SET CBP AT 6752'. PULL UP AND PERF 6586-92' (3 SPF). 18 HOLES TOTAL.</p> <p>RU DELSCO AND RIH W/ HALCO DFIT GUAGES. SPOT GUAGES AT 6567'</p> <p>OPEN WELL 60 PSI. BD 2333 PSI. PMP 1000 GAL AT 5.1 BPM AT 2333 PSI. FG .53. ISIP 650 PSI. WELL ON VAC IN 8-MIN. SHUT WELL IN OVERNIGHT.</p> <p>JSA- PERF, FRAC, AND DFIT. PPE.</p>
6/2/2009	6:00 - 6:30	0.50	COMP	48		P		

ROCKIES

Operation Summary Report

Well: NBU 1022-9A-4		Spud Conductor: 10/2/2008		Spud Date: 10/3/2008	
Project: UTAH		Site: UINTAH			Rig Name No: MILES-GRAY 1/1
Event: RECOMPLETION		Start Date: 5/29/2009		End Date:	
Active Datum: RKB @5,233.00ft (above Mean Sea Level)			UWI: NBU 1022-9A-4		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	6:30 - 13:30	7.00	COMP	36	B	P		<p>SICP 0, POOH W/ DFIT GAUGES. SEND INFO AND WOO. ORDERS TO FRAC #3.</p> <p>STAGE #3 RIH W/ 3-3/8" GUN AND FIN PERF- 6727-30 (3 SPF), 6686-90' (3 SPF). PERFS- 6952-54 (4 SPF), 6984-86 (4 SPF), 7074-78 (4 SPF), 7144-46 (4 SPF).</p> <p>OPEN WELL- SICP 0 PSI. BRK 2250 PSI AT 5.3 BPM, ISIP 650, FG .53. PMP 100 BBLS SLK WTR, 50 BPM @ 3889 PSI = 82% PERFS OPEN. MP 3782, MR 50.1, AP 2655, AR 39.6, FG .71, ISIP 1891, NPI 1891. BBLS PMP 832 SLK WTR, 25,748# 30/50 AND 5,000# 20/40 RESIN (TOT PROP 30,748#)</p> <p>STAGE #4- PU 4-1/2" HALCO 8K CBP AND PERF GUN. SET CBP AT 6360'. PULL UP AND PERF 6326-30' (4 SPF), 6193-97' (3 SPF), 6156-60' (3 SPF), 6780-83'.</p> <p>OPEN WELL- SICP 245 PSI. BRK 2680 PSI AT 5.3 BPM, ISIP 1460, FG .66. PMP 100 BBLS SLK WTR, 51.1 BPM @ 3320 PSI = 79% PERFS OPEN. MP 3799, MR 51.3, AP 2825, AR 34.9, FG .74, ISIP 1948, NPI 488. BBLS PMP 764 SLK WTR, 26,513# 30/50 AND 5,000# 20/40 RESIN (TOT PROP 26,513#)</p> <p>STAGE #5- PU 4-1/2" HALCO 8K CBP AND PERF GUN. SET CBP AT 5609'. PULL UP AND PERF 5536-44" (3 SPF). 24 HOLES TOTAL. RU DELSCO AND RIH W/ HALCO DFIT GUAGES. SPOT GUAGES AT 5513' OPEN WELL 150 PSI. BD 6100 PSI. PMP 1000 GAL AT 5.3 BPM AT 1300 PSI. FG .61. ISIP 1020 PSI. SWI OVERNIGHT.</p>
6/3/2009	6:00 - 6:15	0.25	COMP	48		P		hsm, fracing

ROCKIES

Operation Summary Report

Well: NBU 1022-9A-4		Spud Conductor: 10/2/2008		Spud Date: 10/3/2008	
Project: UTAH		Site: UINTAH			Rig Name No: MILES-GRAY 1/1
Event: RECOMPLETION		Start Date: 5/29/2009		End Date:	
Active Datum: RKB @5,233.00ft (above Mean Sea Level)			UWI: NBU 1022-9A-4		

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	6:15 - 20:00	13.75	COMP	36	E	P		<p>STG #5] POOH W/ HALIBURTON GAUGES, SICP=0#, RIH W/ 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120" PH, 5572'-5579' 21 HOLES [45 HOLES]</p> <p>STG #5] WHP=0#, BRK DN PERFS @ 2129#, INJ PSI=2750#, INNJ RT= 51.1, ISIP=720#, FG=.56, PUMP'D 1009 BBLS SLK WTR W/ 38205# 30/50 MESH W/ 5000# RESIN COAT IN TAIL, ISIP=1540#, FG=.71, AR=37.2, AP=2124#, MR=51.6, MP=3007#, NPI=820#, 34/45 CALC PERFS OPEN [76%]</p> <p>STG#6 DEFIT] P/U RIH W/ HALIBURTON 8K CBP & PERF GUN. SET CBP @ 5350' PERF WASATCH USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120" PH, 5306'-5320' [42 HOLES]</p> <p>ON SLICK LINE RIH W/ HALIBURTON GAUGES, SET @ 5296' WHP=0#, TRIED SEVERAL ATTEMPTS PRESSURING UP TO 6500# BUT COULD NOT GET PERFS TO BRK. POOH W/ GAUGES, P/U RIH W/ DUMP BAILER [9 GALS ACID] SET IN MIDDLE OF PERFS 5314', POOH, RUN BACK IN HOLE W/ GAUGES, SET @ 5296' BROKE DN PERFS @ 5760#, ISIP=1300#, FG=.67, WAIT FOR 6 HR TEST.</p> <p>FRAC STG #6] WHP=521#, BRK DN PERFS @ 1080#, INJ PSI=3027#, INJ RT=49.5, ISIP=770#, FG=.57, PUMP'D 1041.5 BBLS SLK WTR W/ 48663# 30/50 MESH W/ 5000# RESIN COAT IN TAIL, ISIP=1820#, FG=.77, AR=37.8, AP=3458#, MR=51.7, MP=4927#, NPI=1050#, 31/42 CALC PERFS OPEN [73%]</p> <p>P/U RIH W/ HALIBURTON 8K CBP. SET CBP @ 5256'. POOH R/D SCHLUMBERGER WIRE LINE & FRAC EQUIP. SWIFN.</p>
6/4/2009	7:00 - 7:15	0.25	COMP	48		P		HSM, TRIPPING IN HOLE / DRLG PLUGS

ROCKIES

Operation Summary Report

Well: NBU 1022-9A-4			Spud Conductor: 10/2/2008			Spud Date: 10/3/2008		
Project: UTAH			Site: UINTAH			Rig Name No: MILES-GRAY 1/1		
Event: RECOMPLETION			Start Date: 5/29/2009			End Date:		
Active Datum: RKB @5,233.00ft (above Mean Sea Level)			UWI: NBU 1022-9A-4					
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode2	P/U	MD From (ft)	Operation
	7:15 - 16:30	9.25	COMP	44	C	P		OPEN WELL 0# SICP, N/D FRAC VALVES, N/U BOPS, R/U TBG EQUIP, P/U 3-7/8 BIT W/ POBS PKG, RIH W/ 2-3/8 J-55 TBG, TAG KILL PLUG, P/U PWR SWVL, EST CIRC W/ RIG PUMP. PLUG #1] DRL THROUGH HALIBURTON 8K CBP @ 5246' IN 10 MIN. W/ 200# INCREASE. PLUG #2] CONTINUE TO RIH TAG SAND @ 5320' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 5350' IN 12 MIN. W/ 50# INCREASE. PLUG #3] CONTINUE TO RIH TAG SAND @ 5579' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 5609' IN 8 MIN. W/ 100# INCREASE. PLUG #4] CONTINUE TO RIH TAG SAND @ 6330' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 6360' IN 8 MIN. W/ 0# INCREASE. PLUG #5] CONTINUE TO RIH TAG SAND @ 6722' [30' FILL] C/O & DRL THROUGH HALIBURTON 8K CBP @ 6752' IN 8 MIN. W/ 0# INCREASE. PLUG #6] CONTINUE TO RIH TAG SAND @ 6902' [30' FILL] C/O & DRL THROUGH HALIBURTON CBP @ 6932' IN 8 MIN. W/ 0# INCREASE. PLUG #7] CONTINUE TO RIH TAG SAND @ 7146' [30' FILL] C/O SAND W/ RIG PUMP TO CBP @ 7176', FIRED UP FOAM UNIT TO DRL UP ISOLATION PLUG @ 7176' IN 8 MIN. DID NOT SEE ANY PRESSURE INCREASE BECAUSE OF FOAM UNIT. CIRC WELL, EOT @ 7205' SWIFN.
6/5/2009	- 7:15		COMP					
	7:00 - 7:15	0.25	COMP	48		P		HSM, REVIEW C/O, MAKING CONNECTIONS. 1120 xx/64" CK, 20 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 1928 BBLS LEFT TO RECOVER: 5277
	7:00 -			33	A			CHECK PRESSURE 0# SITP, 2000# SICP, BLOW WELL DN, CONTINUE TO RIH TAG @ 8472', P/UN PWR SWVL C/O TO 8790' W/ AIR FOAM, CIRC WELL, PULL UP, P/U HANGER & LAND WELL W/ 166 JNTS 2-3/8 J-55 TBG, EOT @ 5212. 68', R/D PWR SWVL, R/D TBG EQUIP, N/D BOPS, N/U WELL HEAD, DROP BALL PUMP OFF BIT W/ 1800#, SWIF 30 MIN. OPEN WELL OM 18 CHKE TURN OVER TO F/B CREW. TO WINDY TO RIG DN.
	7:15 - 15:00	7.75	COMP	44	D	P		7 AM FLBK REPORT: CP 1590#, TP 1090#, 20/64" CK, 14BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2279 BBLS LEFT TO RECOVER: 4926
6/6/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1550x#, TP 1080#, 20/64" CK, 10 BWPH, TRACE SAND, -GAS TTL BBLS RECOVERED: 2569 BBLS LEFT TO RECOVER: 4636
6/7/2009	7:00 -			33	A			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01196-D
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1022-9A-4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1253 FNL 0140 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 09 Township: 10.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047389220000
10. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		STATE: UTAH
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/19/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> <div style="margin-top: 10px;"> OTHER: RADIO SITE </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, LP has installed a radio structure on the well pad housing the NBU 1022-9A-4 well, which is a fifteen foot pole located at 39 deg 58 3.05 N, 109 deg 26 9.91 W. The equipment housed on the 1022-9A-4 site are two 5.2 Ghz radios. The 1022-9A-4 radio site connects with the 1022-10C tower, located at 39 deg 58 12.87 N, 109 deg 25 41.25W and the 83X site located at 39 deg 57 57.65 N, 109 deg 26 12.20 W. Attached is a location diagram of the 1022-9A-4 site as it is currently located. Thank you.		
NAME (PLEASE PRINT) Kristina Geno		PHONE NUMBER 720 929-6824
SIGNATURE N/A		TITLE Regulatory Analyst
DATE 3/19/2015		<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 23, 2015 </div>

